

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102373.D
 Acq On : 24 Jan 2018 5:24
 Operator : SJ/JU
 Sample : PB105896BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105896BL

Quant Time: Jan 24 06:31:13 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	127511	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	532528	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	223991	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	350826	20.00	ng	0.00
75) Chrysene-d12	13.87	240	236817	20.00	ng	0.00
86) Perylene-d12	15.30	264	220552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	906359	107.78	ng	0.01
7) Phenol-d6	6.36	99	1078157	106.34	ng	0.00
23) Nitrobenzene-d5	7.28	82	672112	72.53	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	192861	86.90	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1197779	78.63	ng	0.00
78) Terphenyl-d14	12.82	244	823107	78.35	ng	0.00

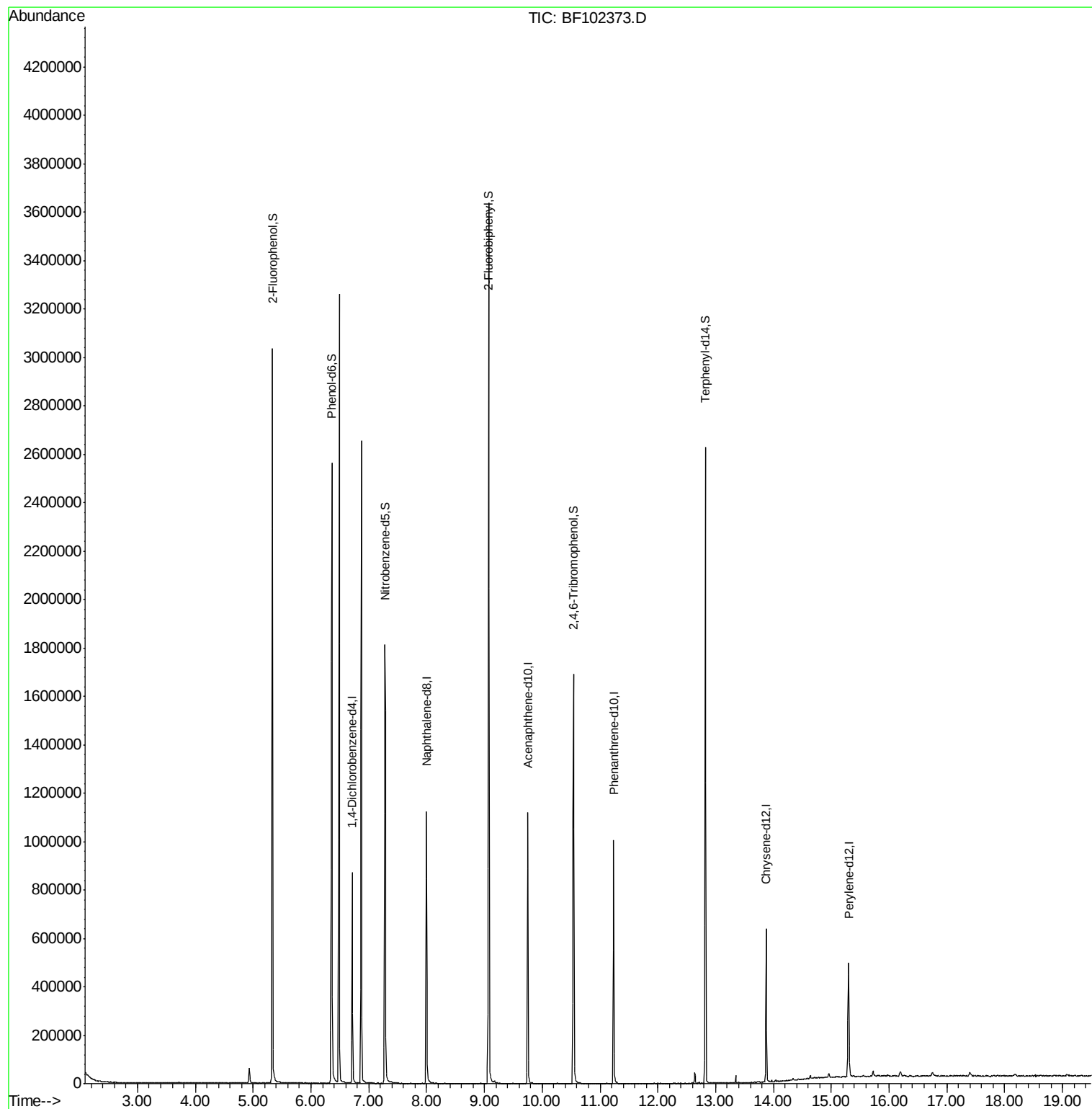
Target Compounds	Qvalue
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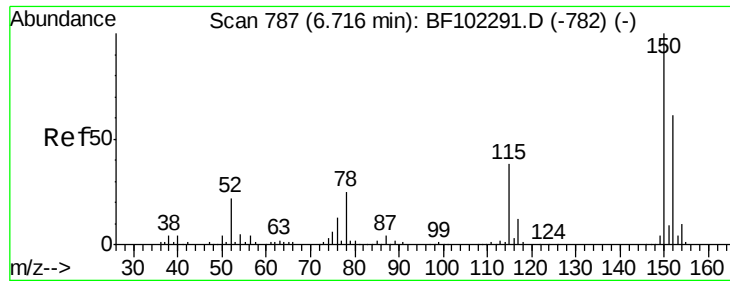
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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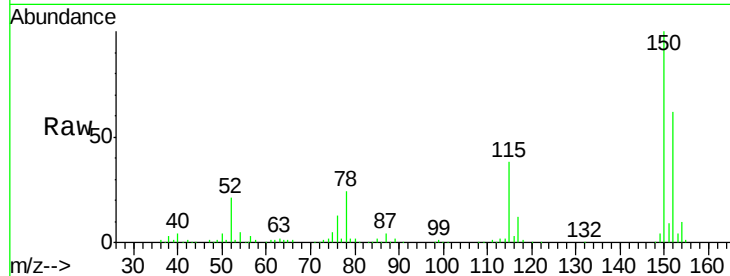


#1

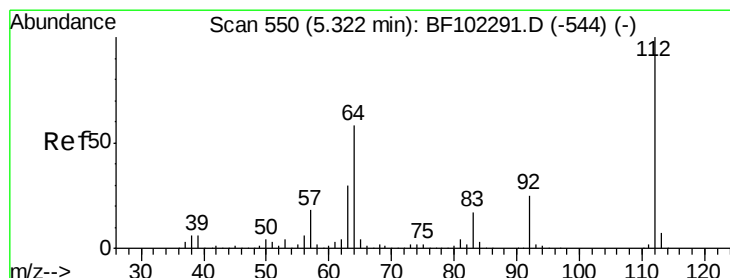
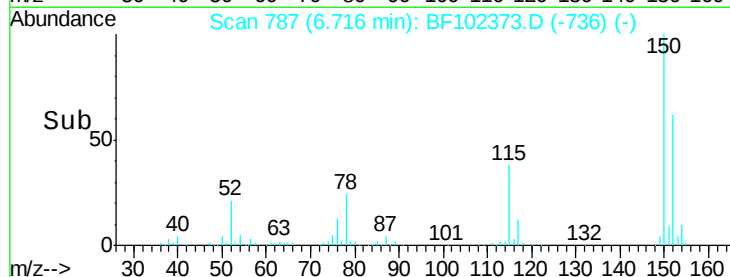
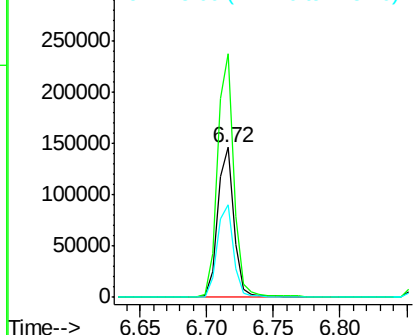
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102373.D
Acq: 24 Jan 2018 5:24

Instrument :
BNA_F
ClientSampleId :
PB105896BL

Tgt Ion:152 Resp: 127511
Ion Ratio Lower Upper
152 100
150 162.6 124.6 186.8
115 61.9 50.1 75.1



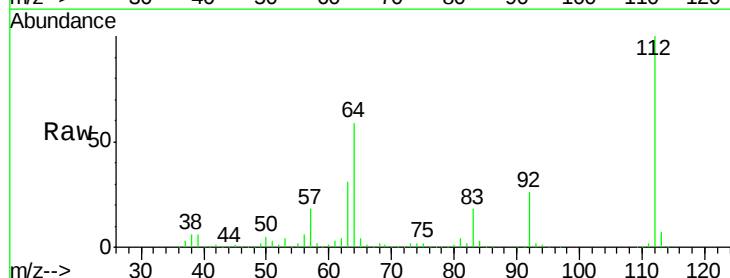
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



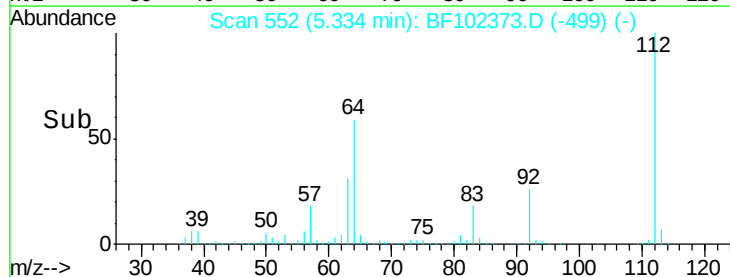
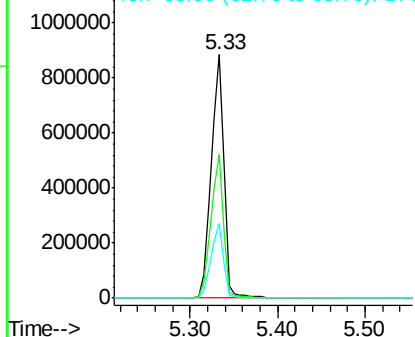
#5

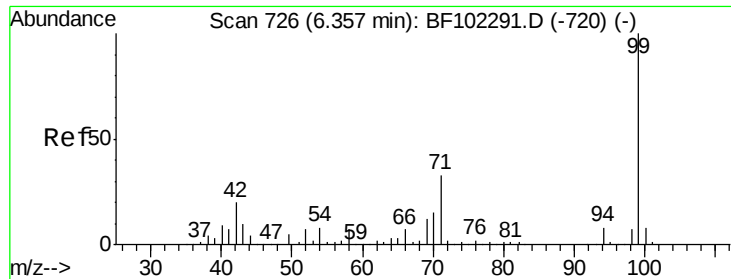
2-Fluorophenol
Concen: 107.777 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102373.D
Acq: 24 Jan 2018 5:24

Tgt Ion:112 Resp: 906359
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.8 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: 106.343 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102373.D

Acq: 24 Jan 2018 5:24

Instrument :

BNA_F

ClientSampleId :

PB105896BL

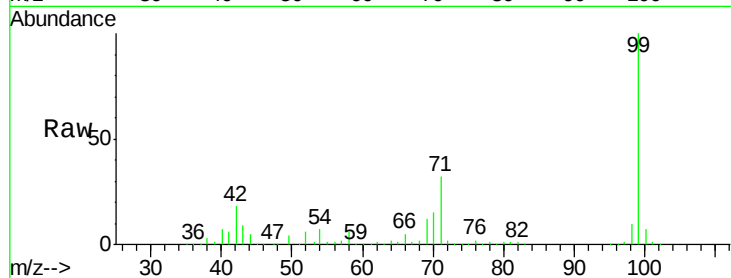
Tgt Ion: 99 Resp: 1078157

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

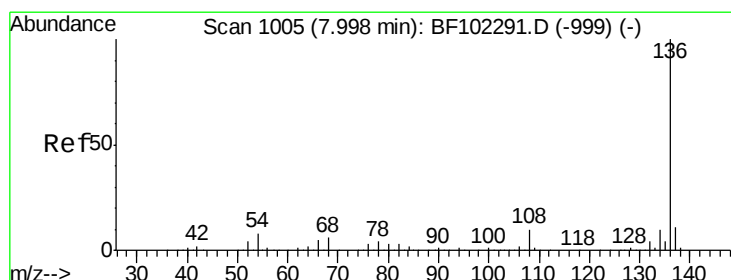
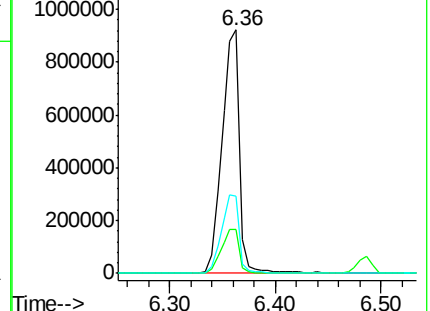
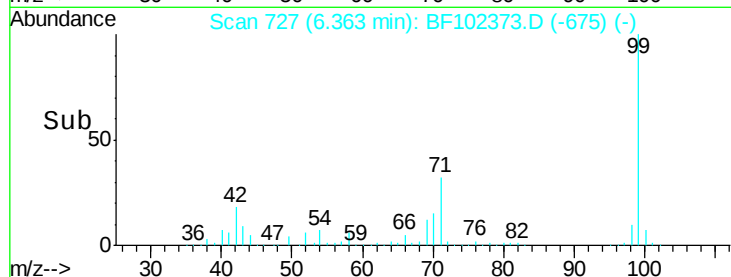
71 31.8 25.4 38.0



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: BF102373.D

Acq: 24 Jan 2018 5:24

Tgt Ion: 136 Resp: 532528

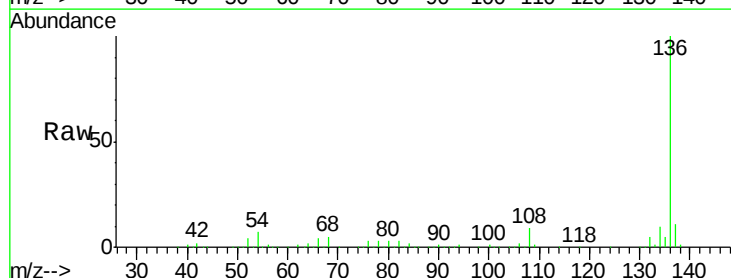
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 6.6 9.8

68 5.2 5.0 7.4

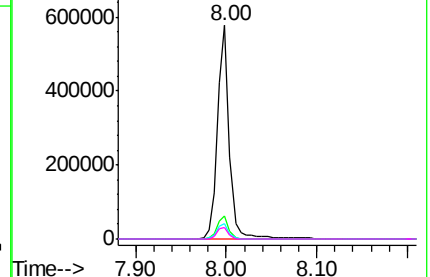
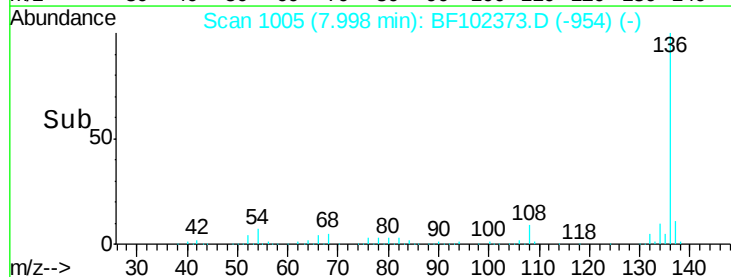


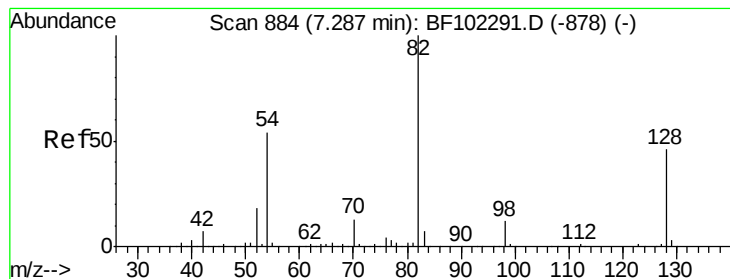
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.530 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102373.D

Acq: 24 Jan 2018 5:24

Instrument :

BNA_F

ClientSampleId :

PB105896BL

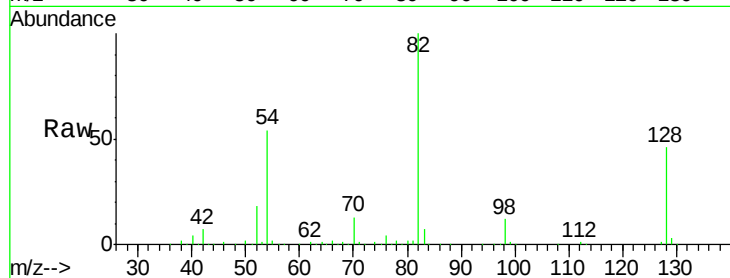
Tgt Ion: 82 Resp: 672112

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

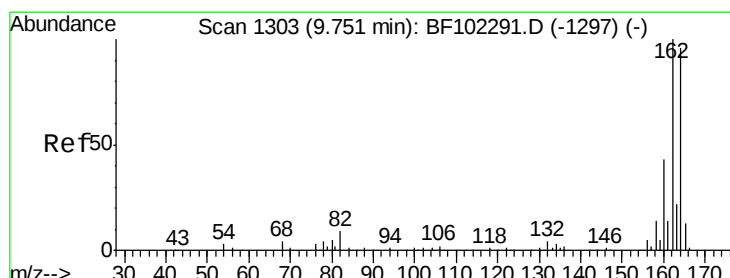
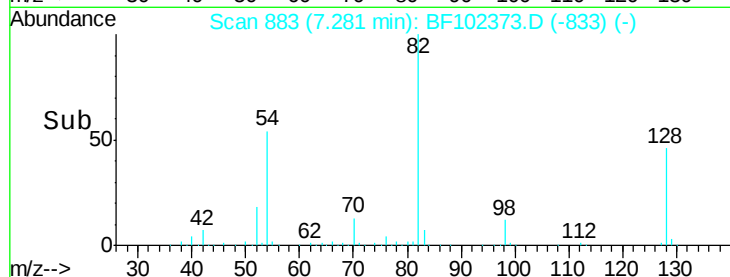
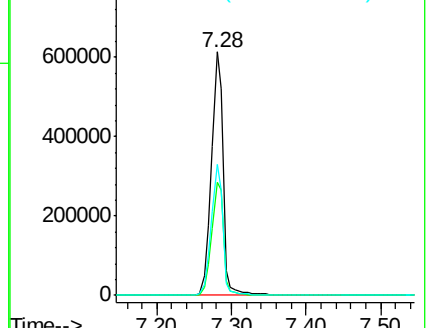
54 53.9 41.4 62.2



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: BF102373.D

Acq: 24 Jan 2018 5:24

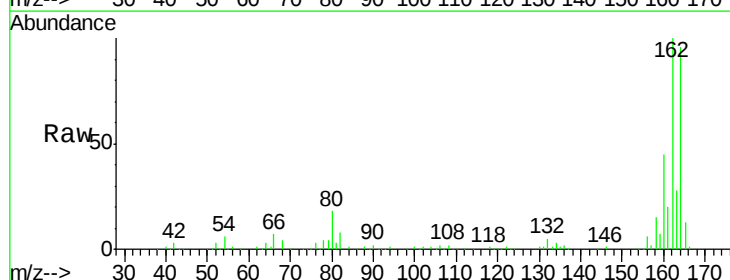
Tgt Ion: 164 Resp: 223991

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

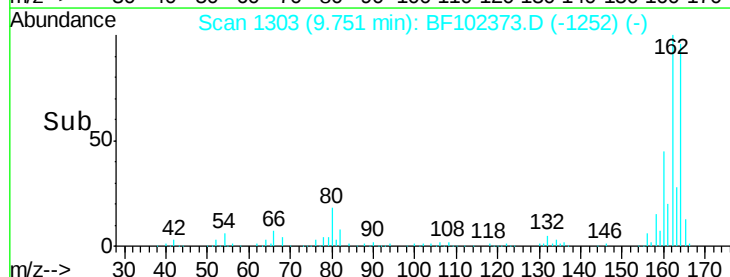
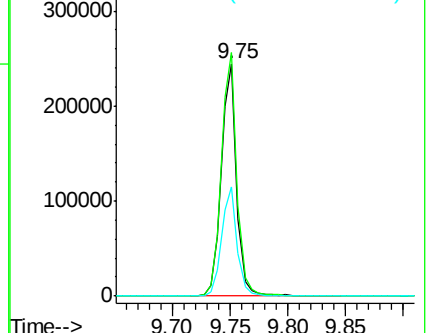
160 47.0 38.3 57.5

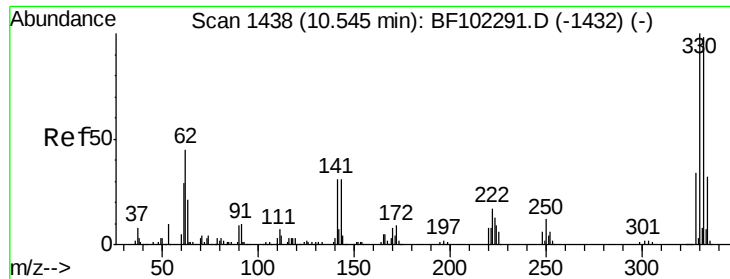


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

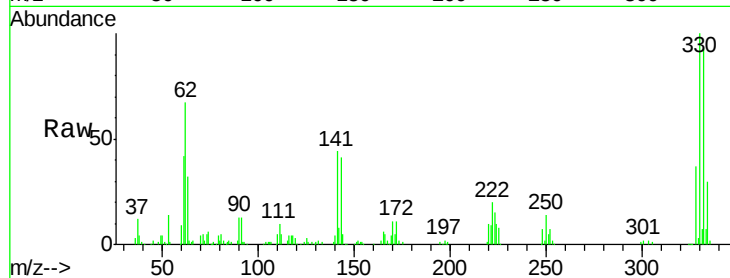




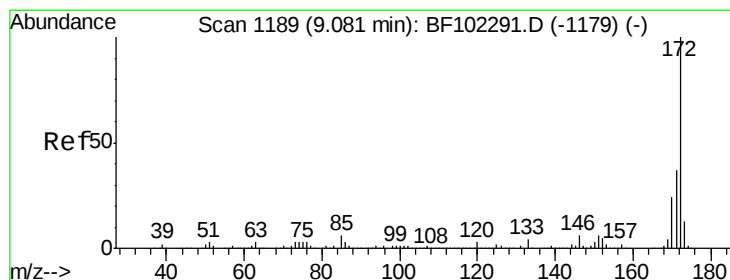
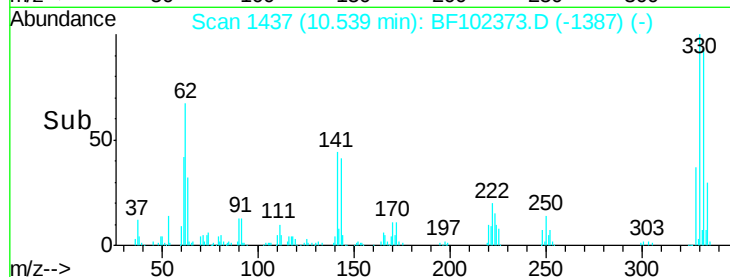
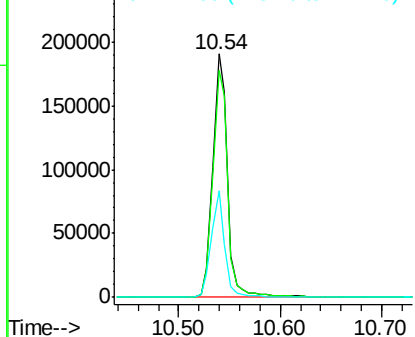
#41
 2,4,6-Tribromophenol
 Concen: 86.897 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102373.D
 Acq: 24 Jan 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 PB105896BL

Tgt Ion:330 Resp: 192861
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 40.4 29.9 44.9

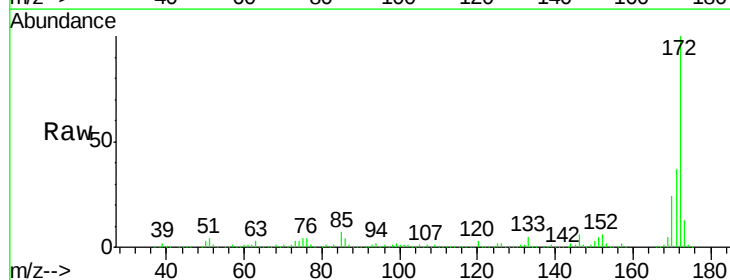


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

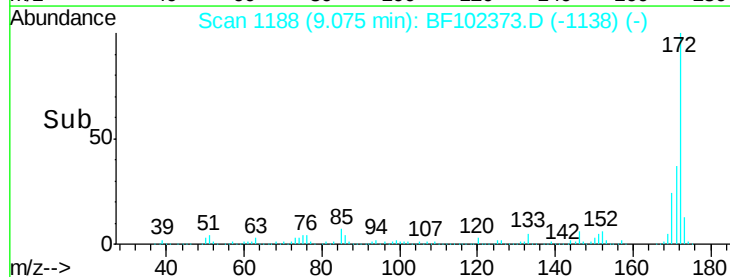
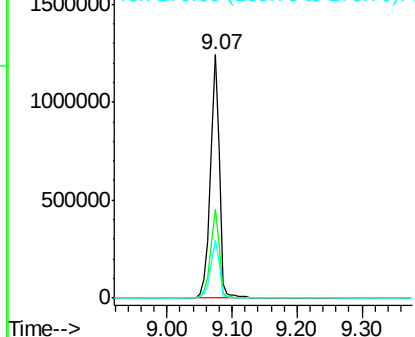


#44
 2-Fluorobiphenyl
 Concen: 78.626 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102373.D
 Acq: 24 Jan 2018 5:24

Tgt Ion:172 Resp: 1197779
 Ion Ratio Lower Upper
 172 100
 171 36.6 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: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102373.D

Acq: 24 Jan 2018 5:24

Instrument :

BNA_F

ClientSampleId :

PB105896BL

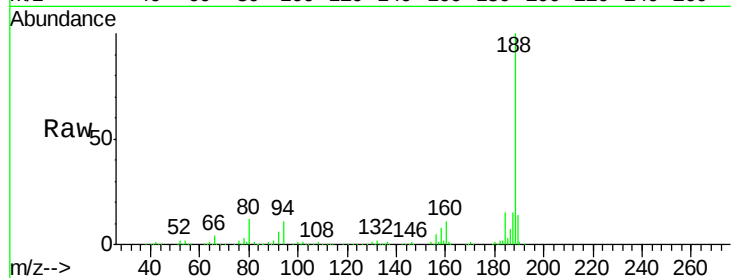
Tgt Ion:188 Resp: 350826

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

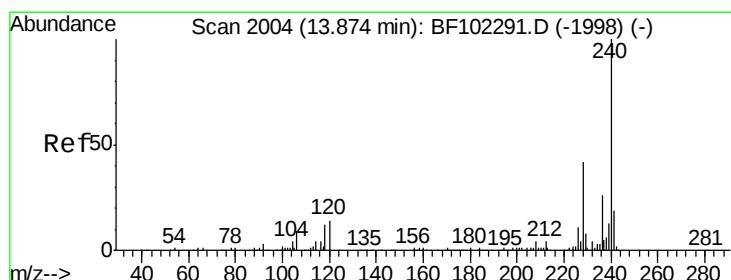
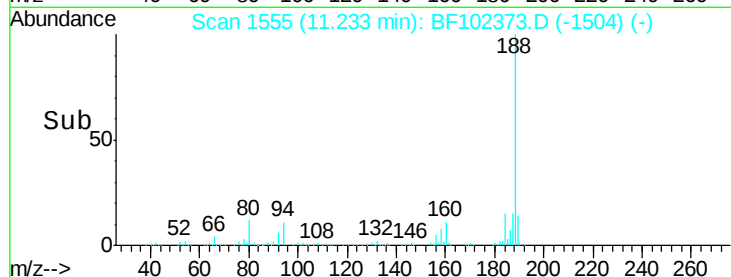
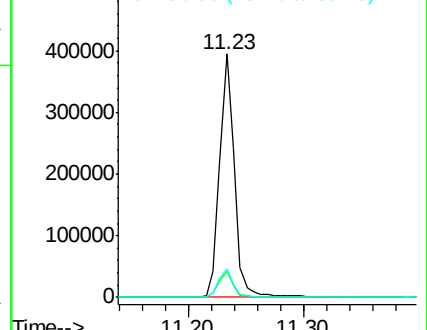
80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102373.D

Acq: 24 Jan 2018 5:24

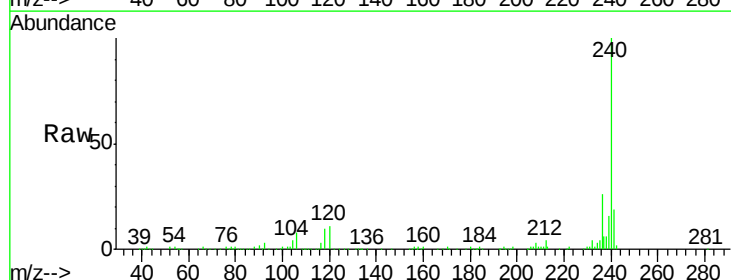
Tgt Ion:240 Resp: 236817

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

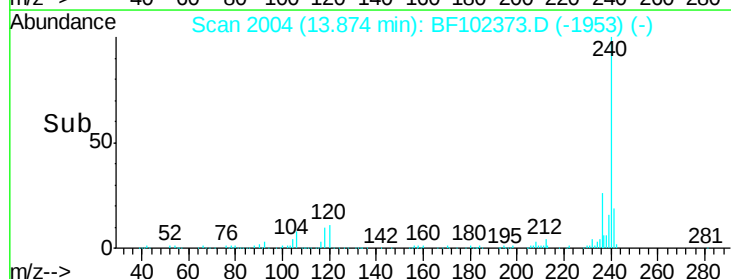
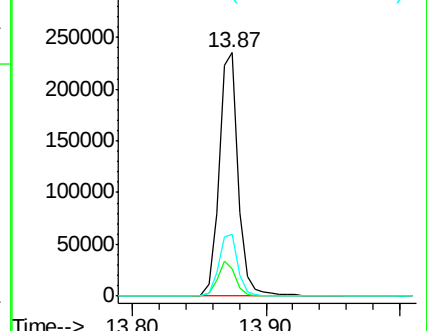
236 25.6 20.7 31.1

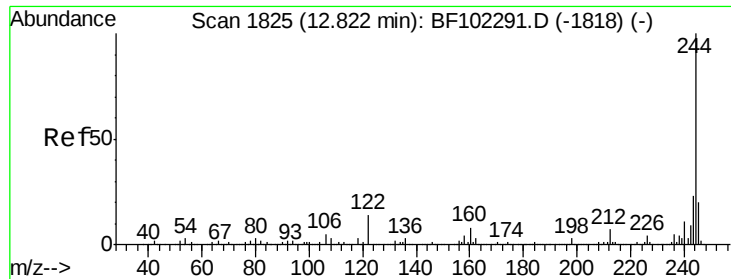


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

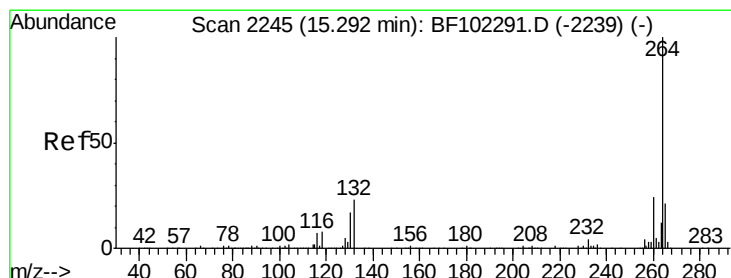
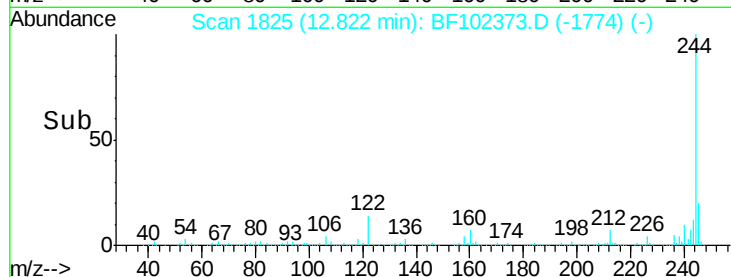
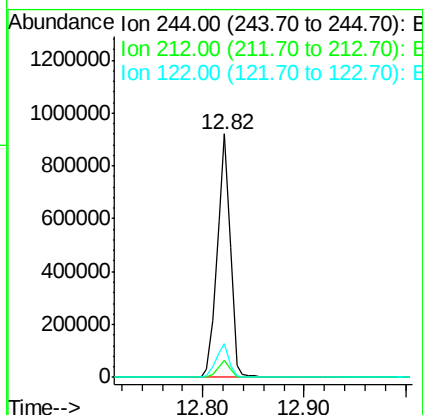
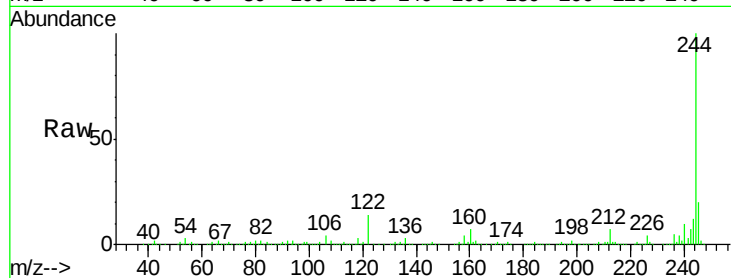




#78
 Terphenyl-d14
 Concen: 78.355 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102373.D
 Acq: 24 Jan 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 PB105896BL

Tgt Ion: 244 Resp: 823107
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.9 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: BF102373.D
 Acq: 24 Jan 2018 5:24

Tgt Ion: 264 Resp: 220552
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 19.9 17.5 26.3

