

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102303.D
 Acq On : 22 Jan 2018 17:04
 Operator : SJ/JU
 Sample : PB105847BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BL

Quant Time: Jan 23 01:10:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	129301	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	544809	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	243842	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	428762	20.00	ng	0.00
75) Chrysene-d12	13.87	240	320906	20.00	ng	0.00
86) Perylene-d12	15.29	264	278140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	843487	98.91	ng	0.00
7) Phenol-d6	6.35	99	1024311	99.63	ng	0.00
23) Nitrobenzene-d5	7.28	82	634189	66.89	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	225961	93.52	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1193635	71.98	ng	0.00
78) Terphenyl-d14	12.82	244	1087981	76.43	ng	0.00

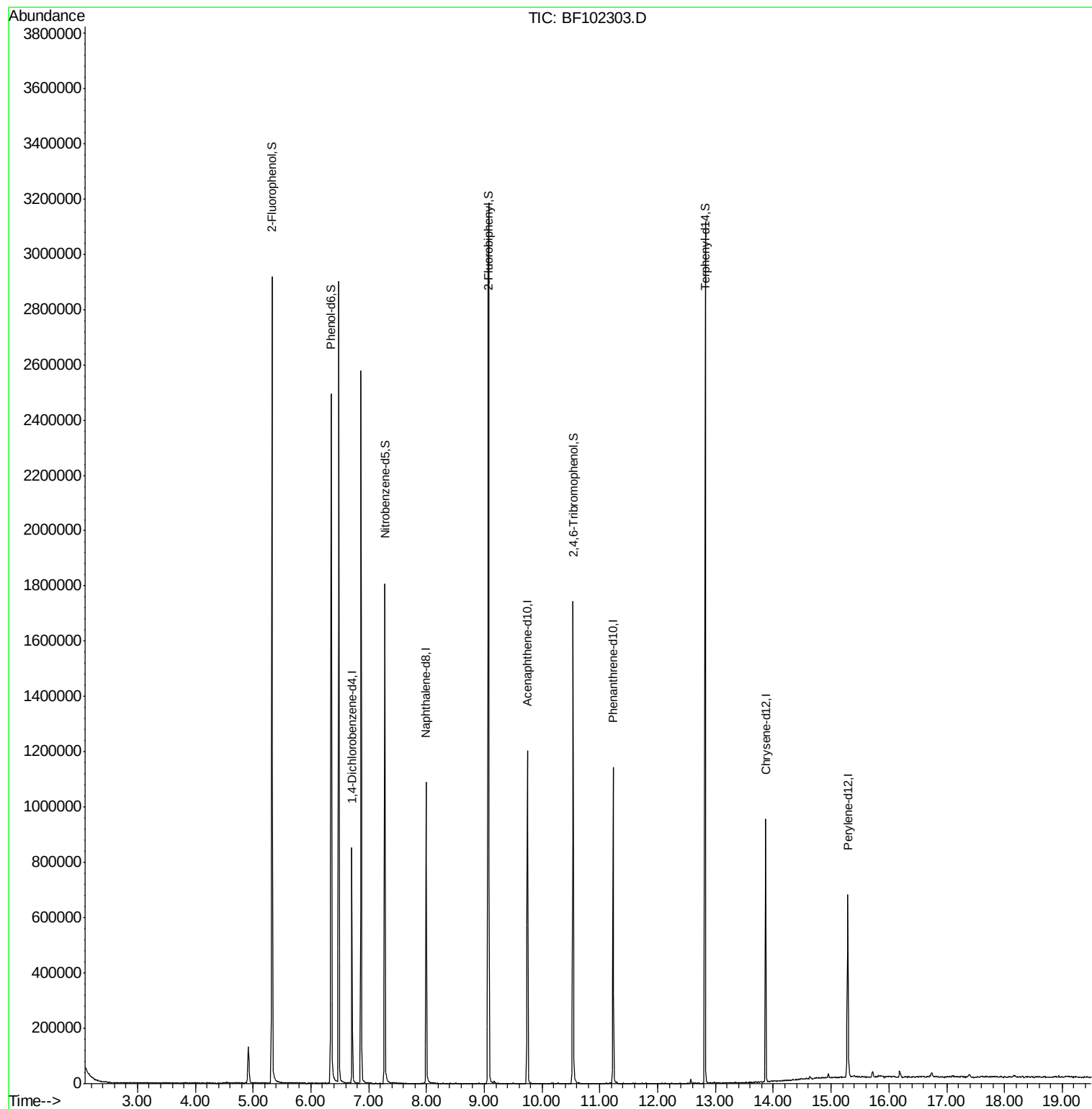
Target Compounds Qvalue

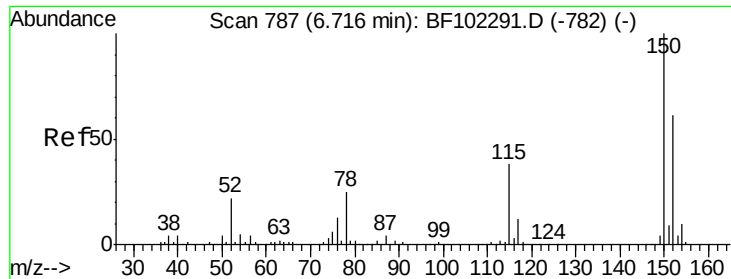
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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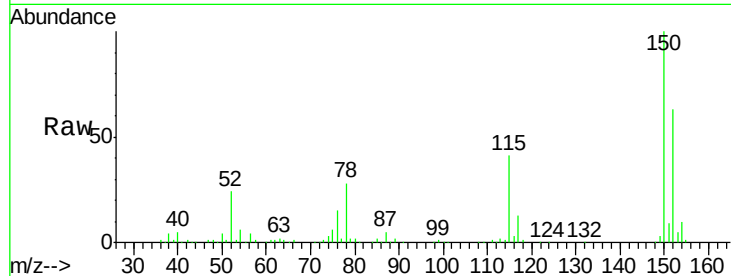


#1

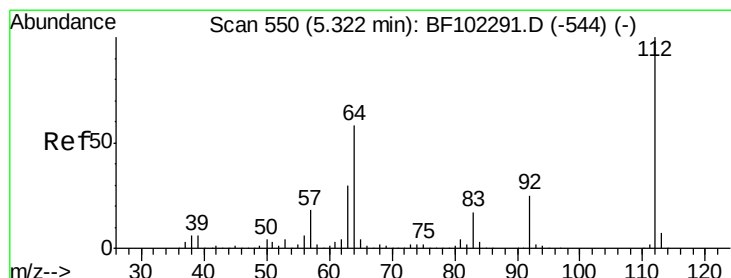
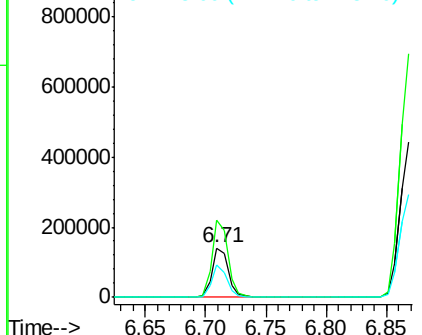
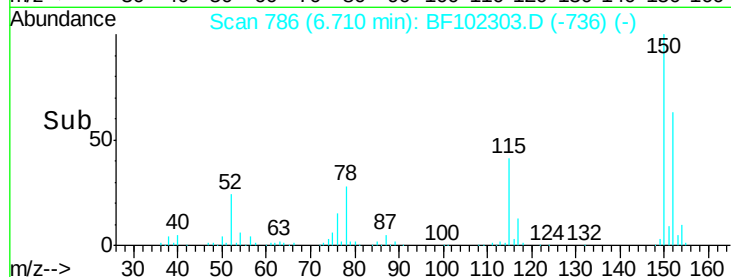
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BL

Tot Ion:152 Resp: 129301
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 65.2 50.1 75.1



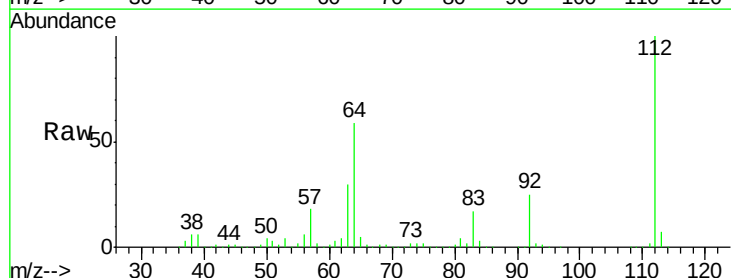
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



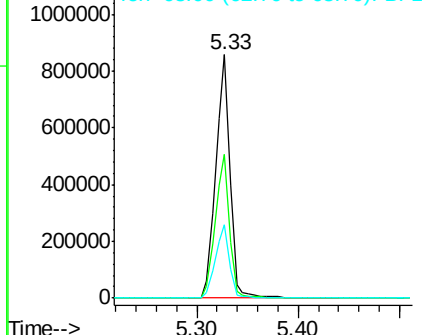
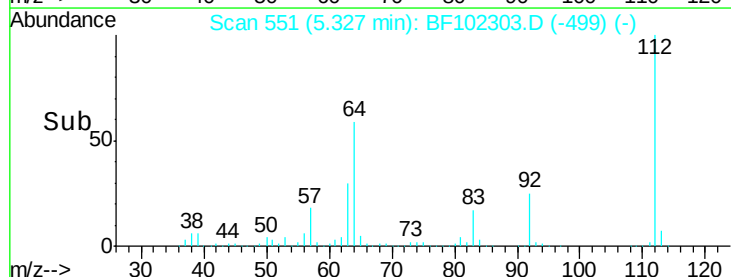
#5

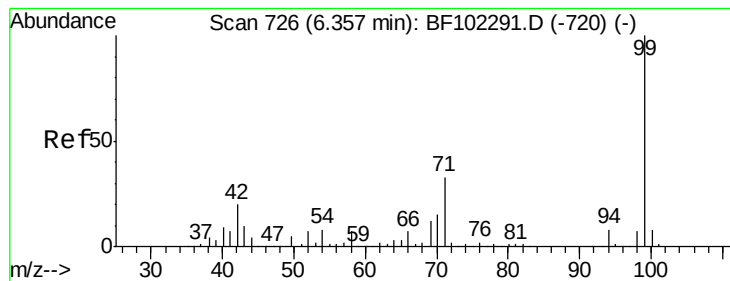
2-Fluorophenol
 Concen: 98.912 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Tgt Ion:112 Resp: 843487
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 30.3 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: 99.633 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102303.D

Acq: 22 Jan 2018 17:04

Instrument :

BNA_F

ClientSampleId :

PB105847BL

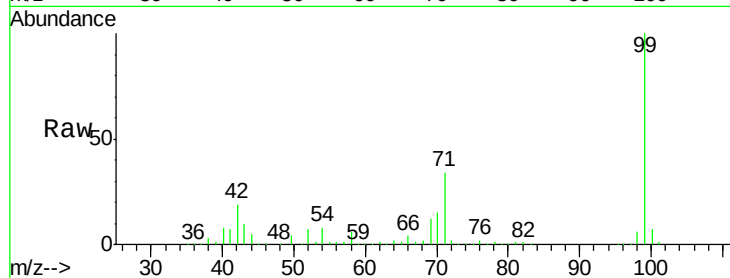
Tot Ion: 99 Resp: 1024311

Ion Ratio Lower Upper

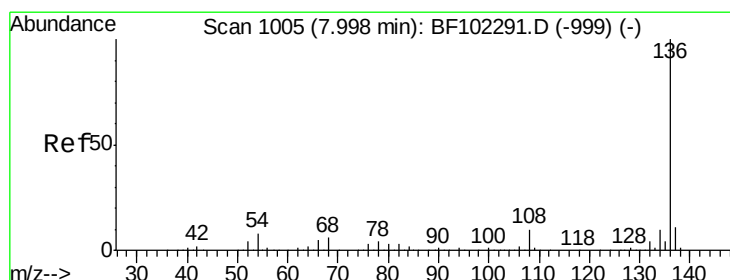
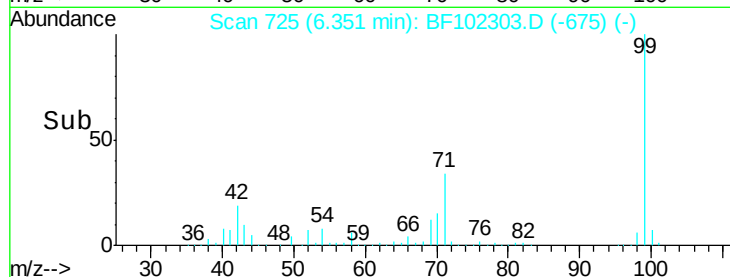
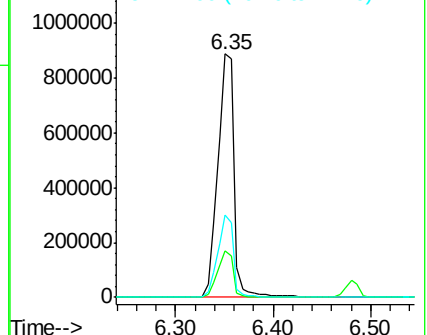
99 100

42 19.4 14.5 21.7

71 33.7 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: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102303.D

Acq: 22 Jan 2018 17:04

Tgt Ion: 136 Resp: 544809

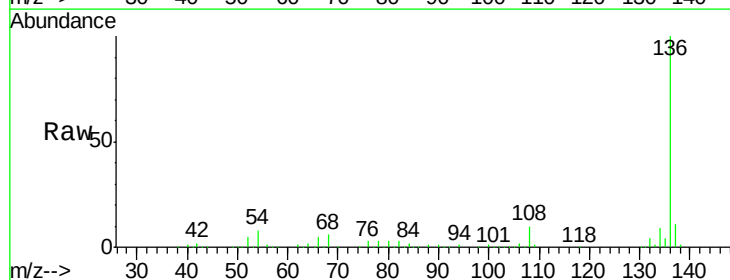
Ion Ratio Lower Upper

136 100

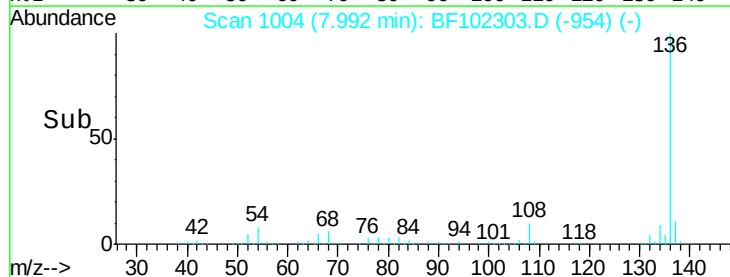
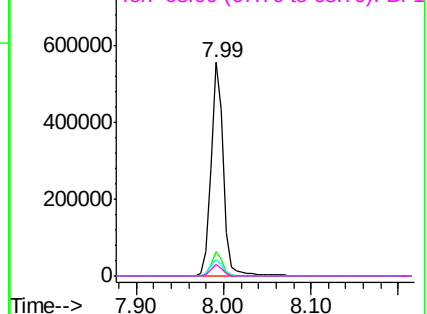
137 11.3 8.9 13.3

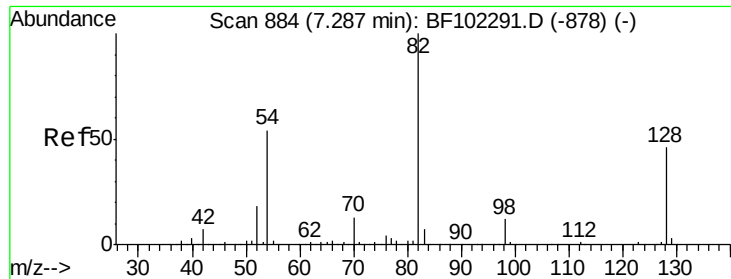
54 8.1 6.6 9.8

68 5.6 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

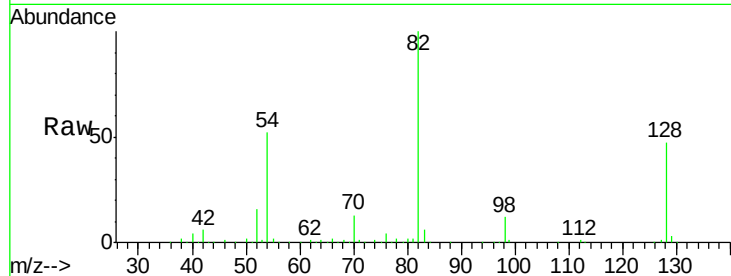




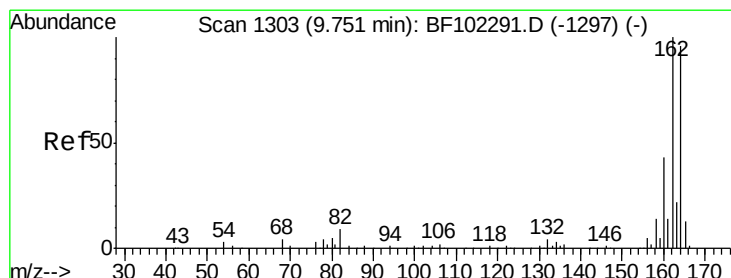
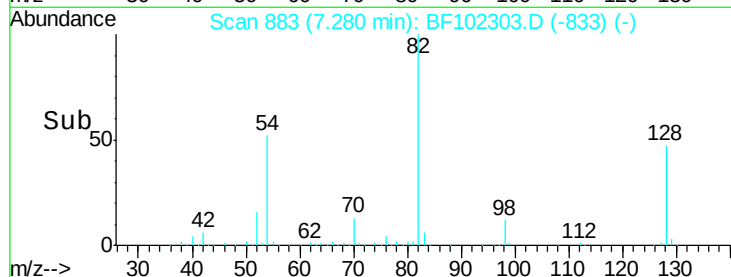
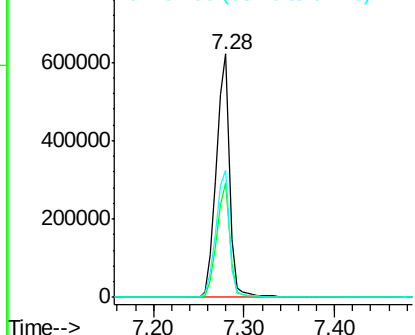
#23
 Nitrobenzene-d5
 Concen: 66.895 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BL

Tot Ion: 82 Resp: 634189
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 52.1 41.4 62.2

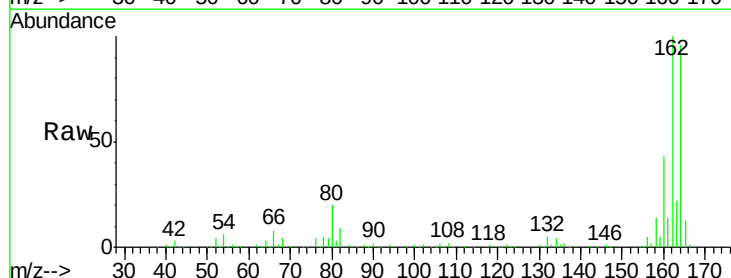


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

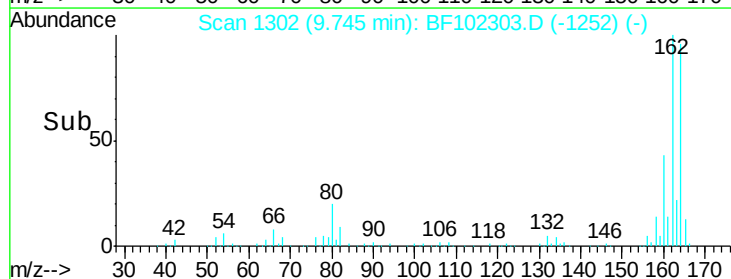
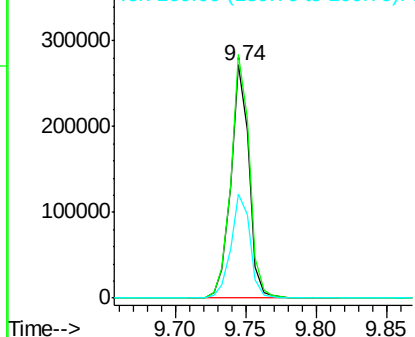


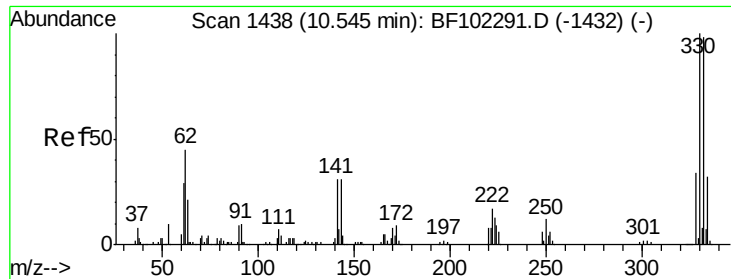
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Tgt Ion: 164 Resp: 243842
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 44.7 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

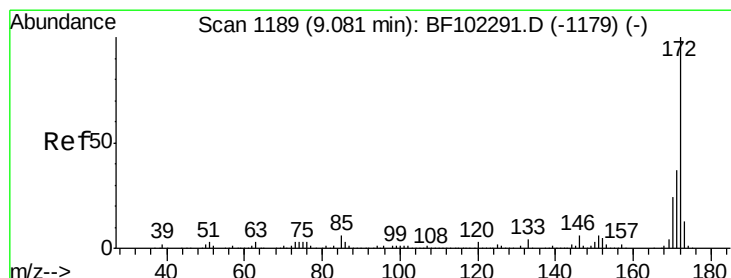
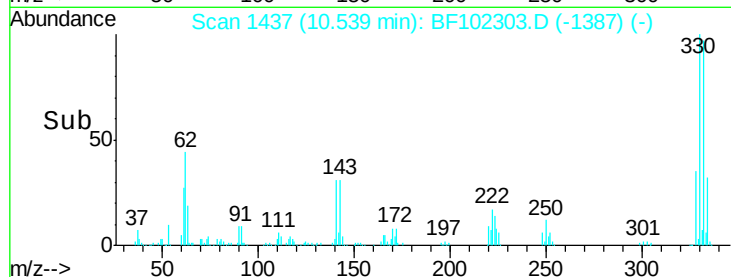
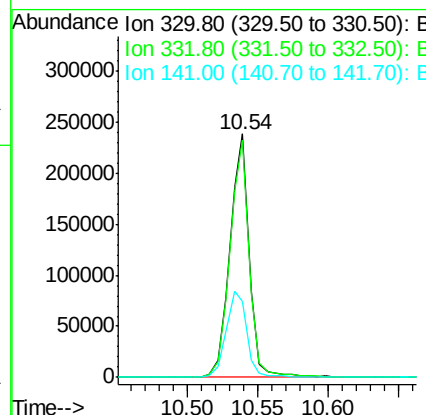
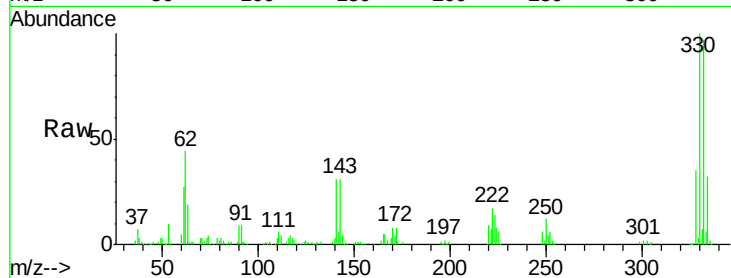




#41
 2,4,6-Tribromophenol
 Concen: 93.522 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

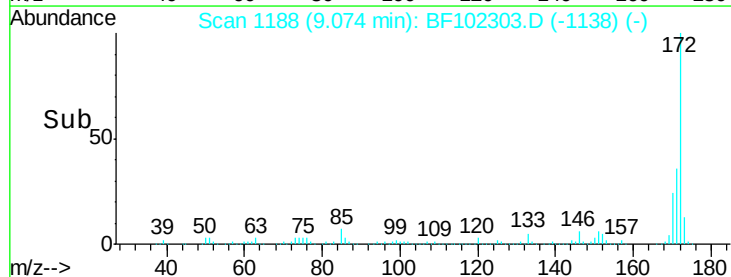
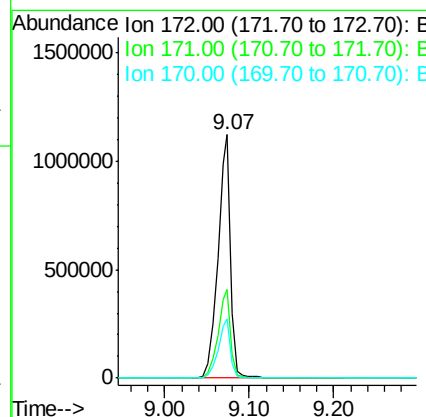
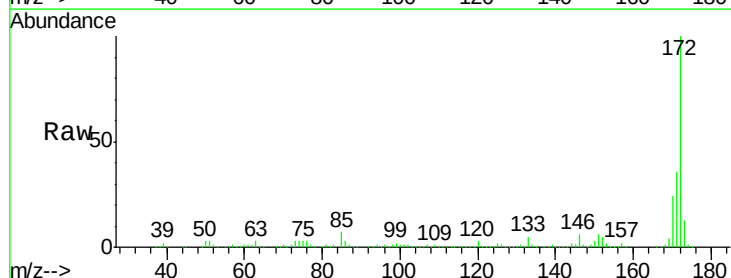
Instrument :
 BNA_F
 ClientSampleId :
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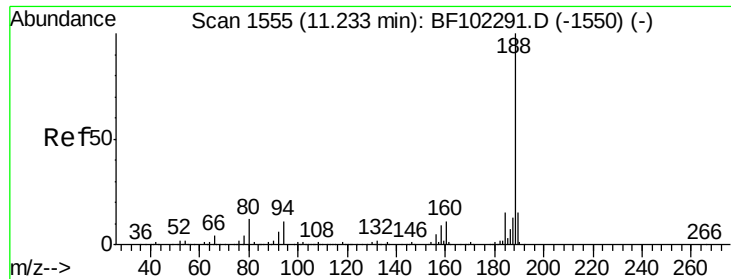
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	38.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 71.975 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102303.D
 Acq: 22 Jan 2018 17:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

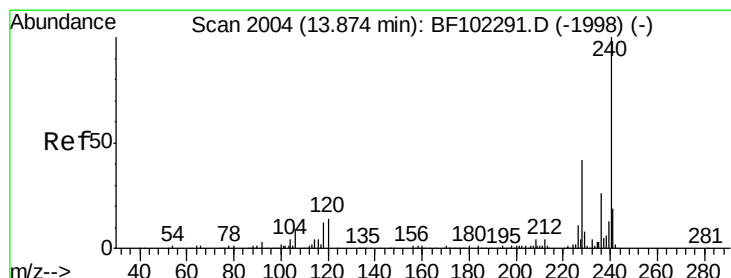
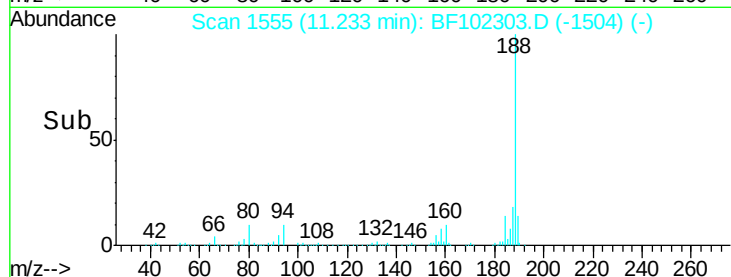
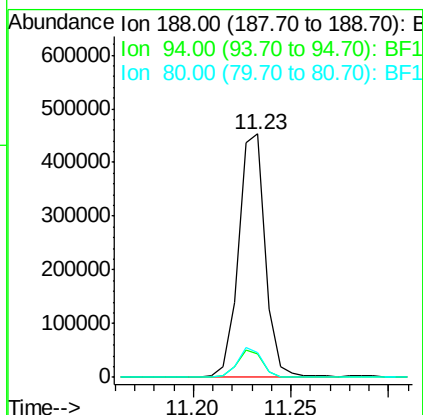
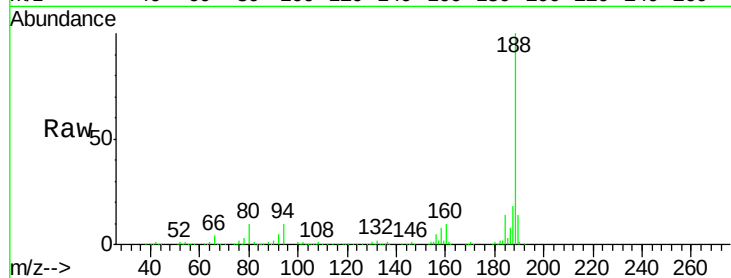




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102303.D
Acq: 22 Jan 2018 17:04

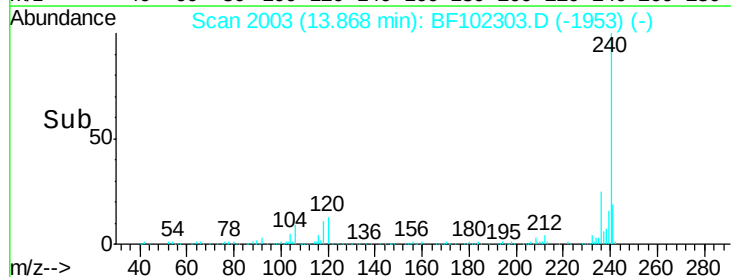
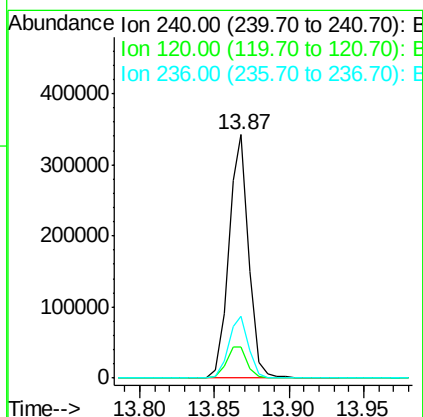
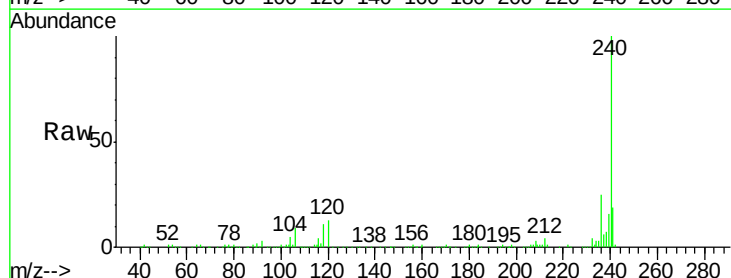
Instrument :
BNA_F
ClientSampleId :
PB105847BL

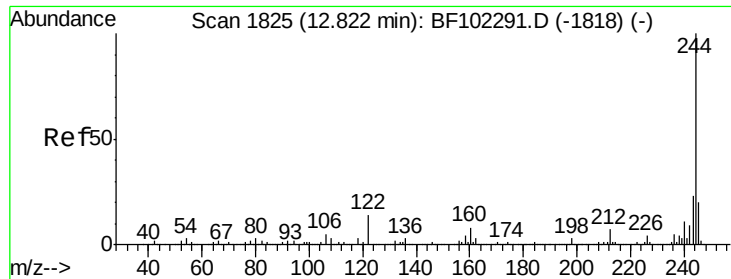
Tot Ion:188 Resp: 428762
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102303.D
Acq: 22 Jan 2018 17:04

Tgt Ion:240 Resp: 320906
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 76.430 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102303.D

Acq: 22 Jan 2018 17:04

Instrument :

BNA_F

ClientSampleId :

PB105847BL

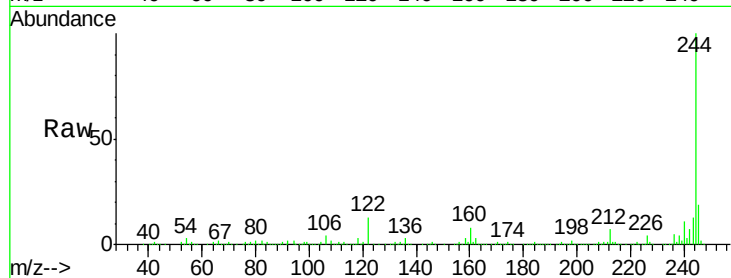
Tot Ion:244 Resp: 1087981

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

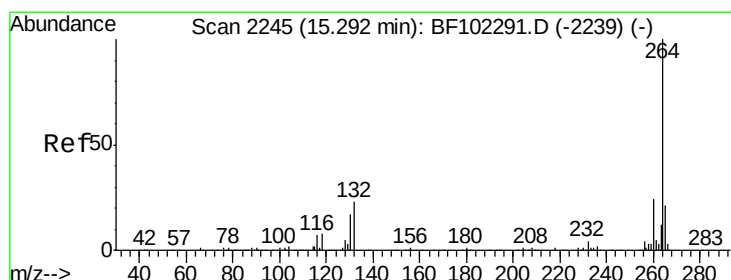
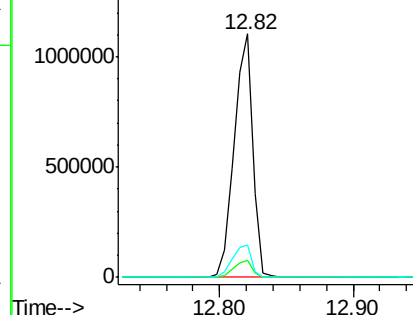
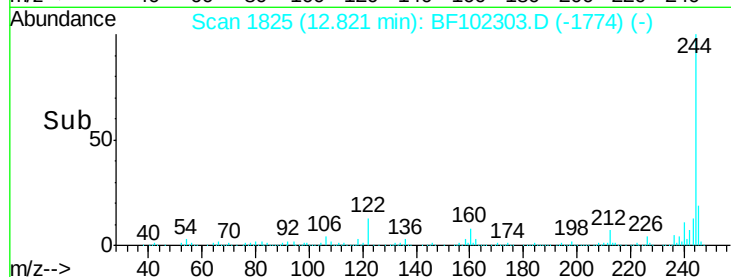
122 13.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BF102303.D

Acq: 22 Jan 2018 17:04

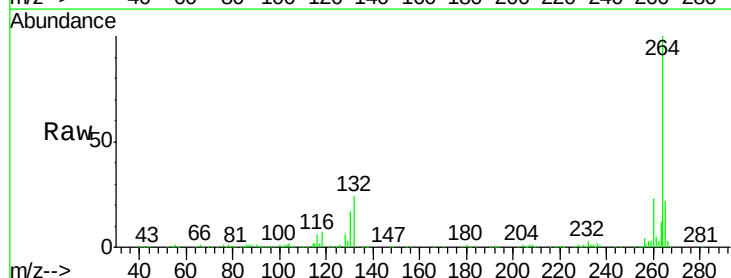
Tgt Ion:264 Resp: 278140

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

