

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101729.D
 Acq On : 26 Dec 2017 22:27
 Operator : SJ/JU
 Sample : I6684-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-122217

Quant Time: Dec 27 06:16:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

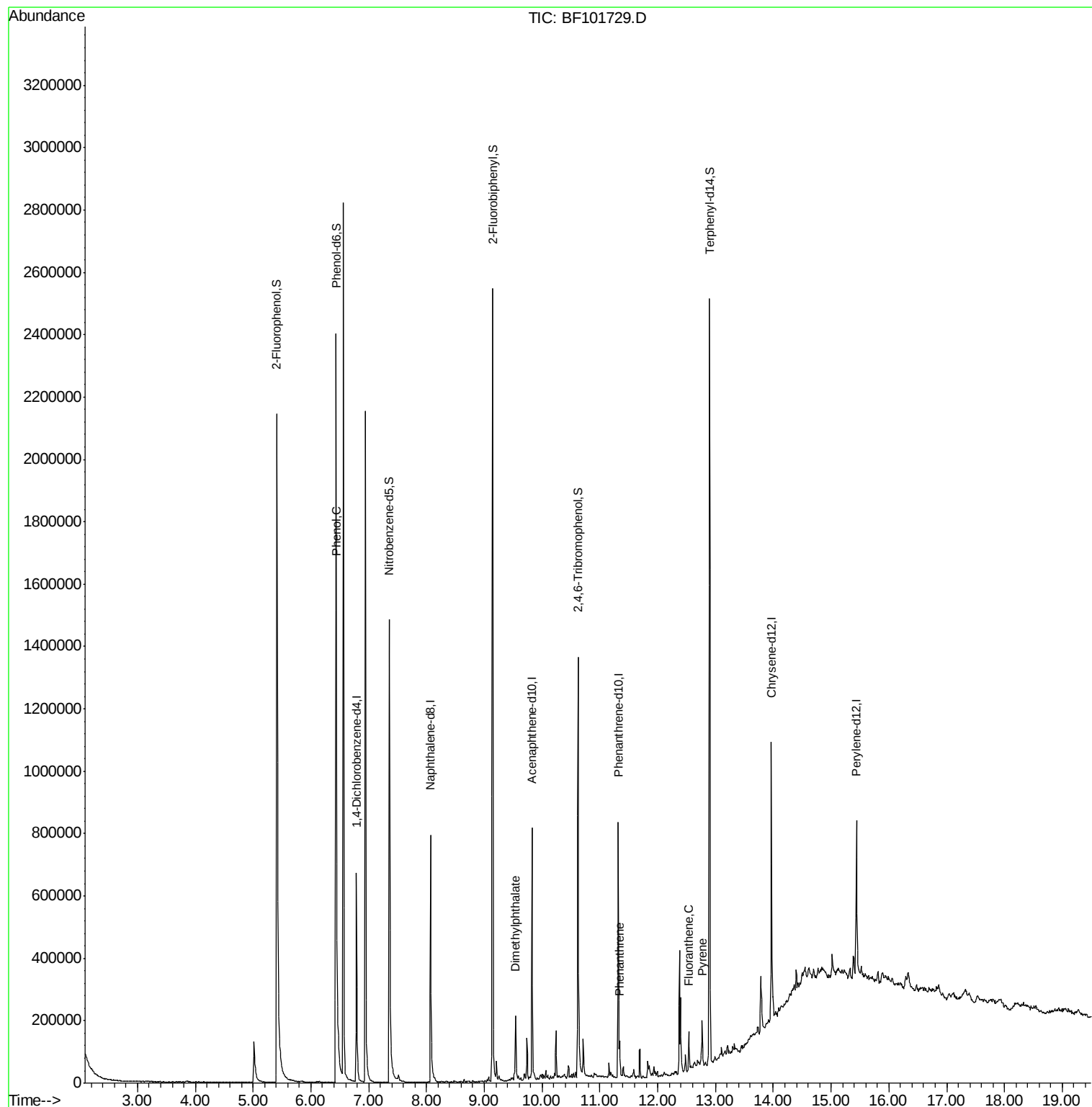
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123088	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	436363	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	168245	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	307403	20.00	ng	0.00
75) Chrysene-d12	13.97	240	304889	20.00	ng	0.00
86) Perylene-d12	15.44	264	259725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	887155	107.36	ng	0.00
7) Phenol-d6	6.43	99	1019663	99.15	ng	0.00
23) Nitrobenzene-d5	7.36	82	610835	77.92	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	185840	114.63	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	897035	82.71	ng	0.00
78) Terphenyl-d14	12.90	244	817762	64.66	ng	0.00
Target Compounds						
10) Phenol	6.45	94	49226	4.200	ng	Qvalue # 68
49) Dimethylphthalate	9.55	163	97093	7.175	ng	99
70) Phenanthrene	11.34	178	40553	2.372	ng	98
74) Fluoranthene	12.54	202	46806	2.608	ng	98
77) Pyrene	12.77	202	57920	2.531	ng	98

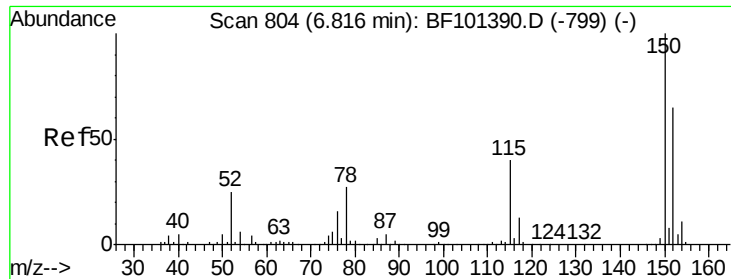
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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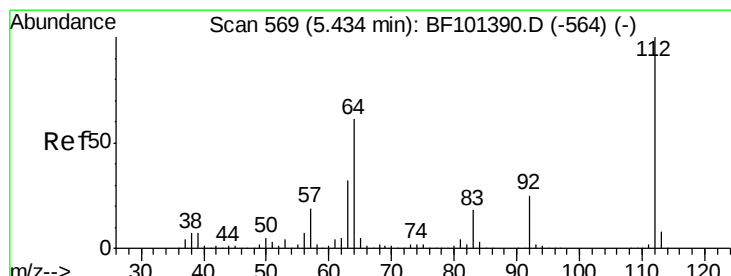
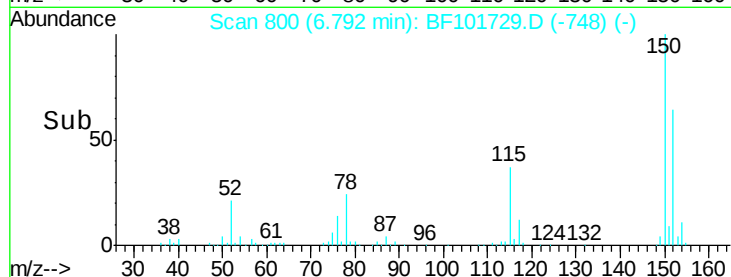
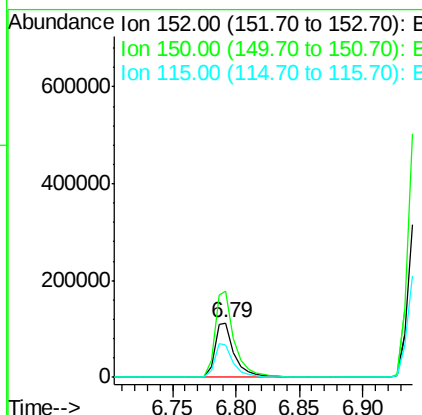
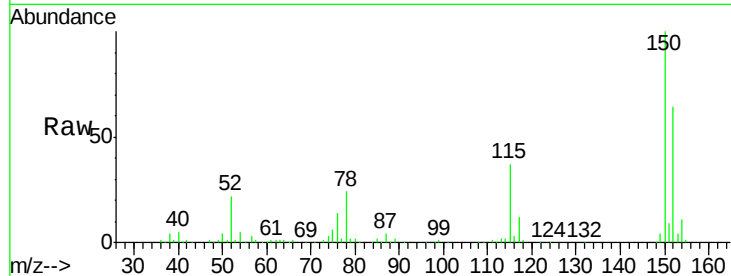


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF101729.D
 Acq: 26 Dec 2017 22:27

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-122217

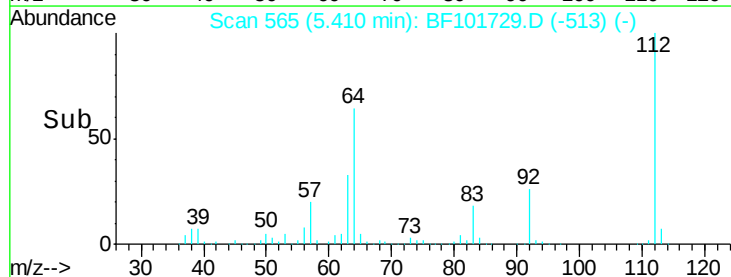
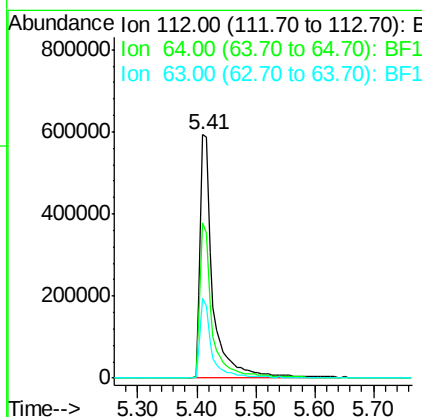
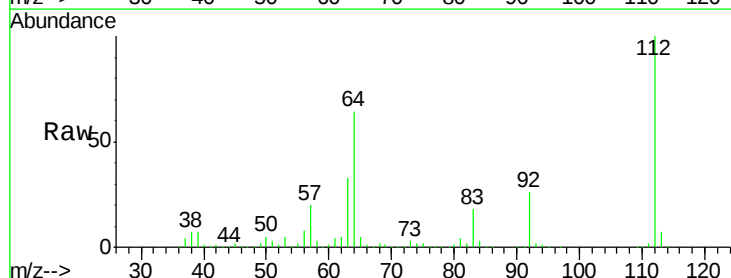
Tgt Ion:152 Resp: 123088
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 58.5 50.1 75.1



#5

2-Fluorophenol
 Concen: 107.361 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF101729.D
 Acq: 26 Dec 2017 22:27

Tgt Ion:112 Resp: 887155
 Ion Ratio Lower Upper
 112 100
 64 63.8 47.9 71.9
 63 32.5 23.7 35.5





#7

Phenol-d6

Concen: 99.151 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101729.D

Acq: 26 Dec 2017 22:27

Instrument :

BNA_F

ClientSampleId :

BU-01-122217

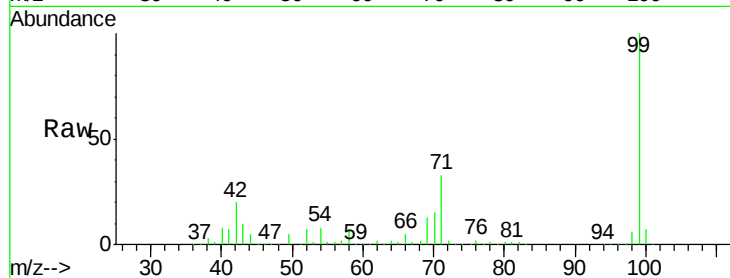
Tgt Ion: 99 Resp: 1019663

Ion Ratio Lower Upper

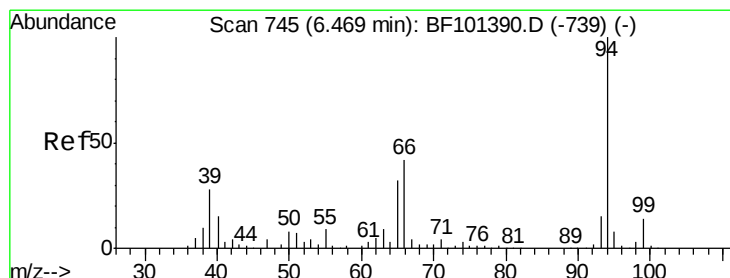
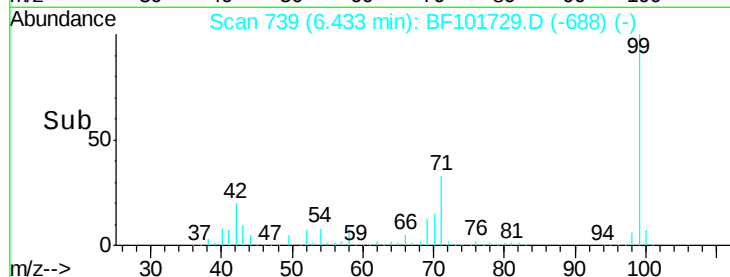
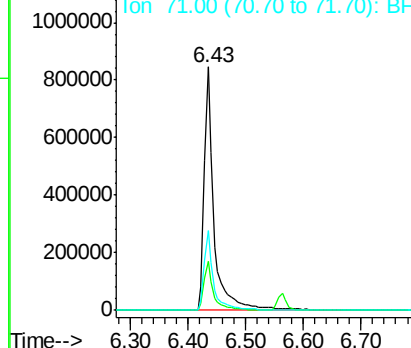
99 100

42 20.0 14.5 21.7

71 32.8 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



#10

Phenol

Concen: 4.200 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF101729.D

Acq: 26 Dec 2017 22:27

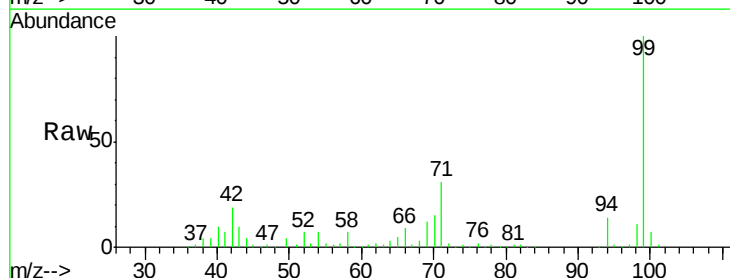
Tgt Ion: 94 Resp: 49226

Ion Ratio Lower Upper

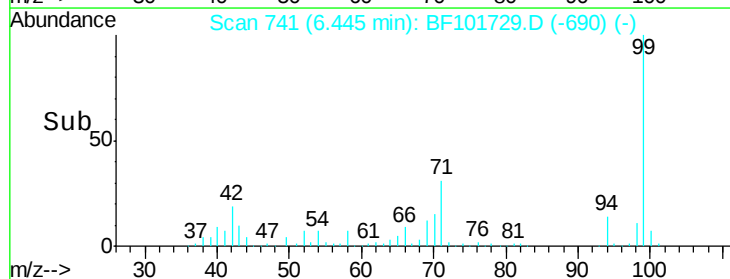
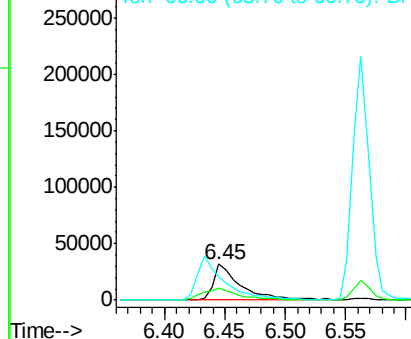
94 100

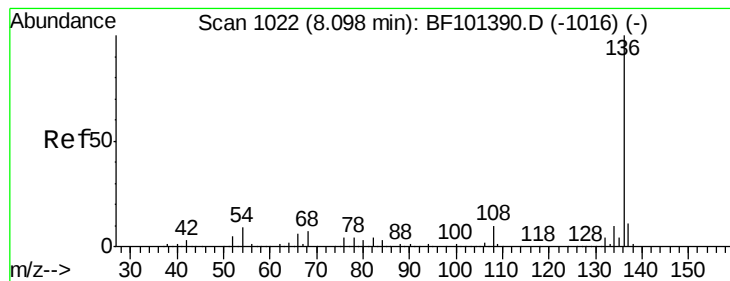
65 33.7 7.9 47.9

66 64.2 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101729.D

Acq: 26 Dec 2017 22:27

Instrument :

BNA_F

ClientSampleId :

BU-01-122217

Tgt Ion: 136 Resp: 436363

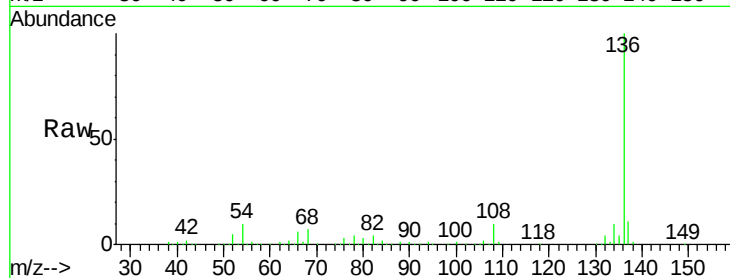
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.5 6.6 9.8

68 6.9 5.0 7.4

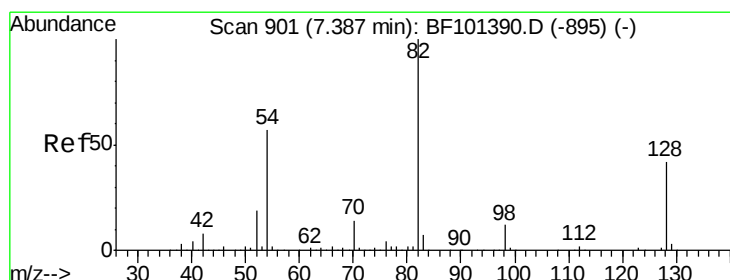
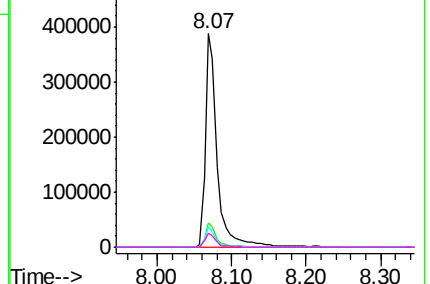
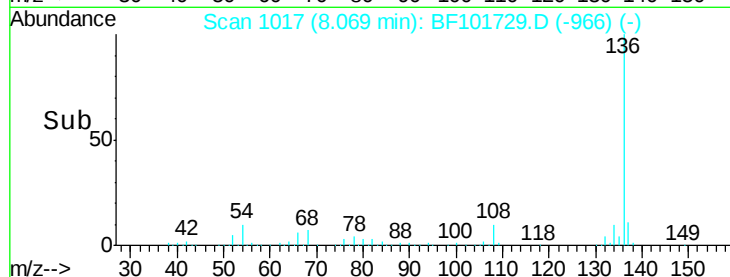


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.923 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101729.D

Acq: 26 Dec 2017 22:27

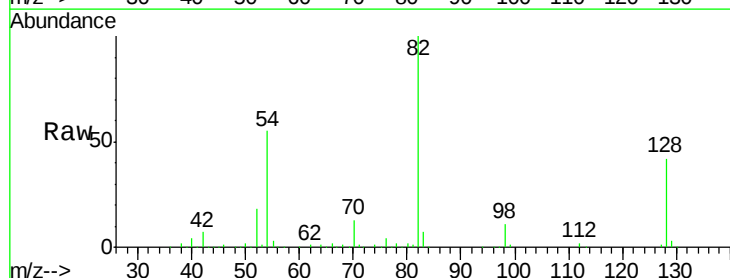
Tgt Ion: 82 Resp: 610835

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

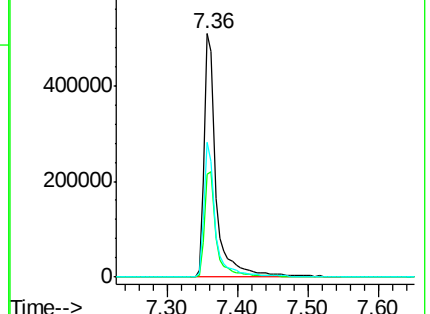
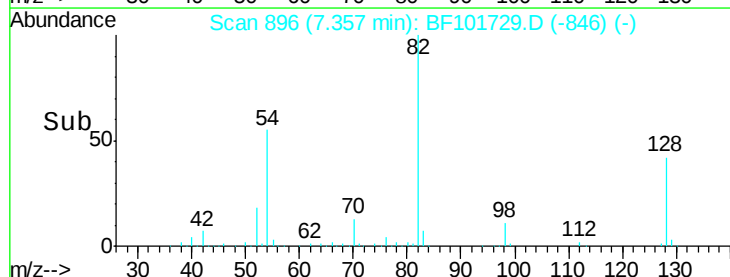
54 55.4 41.4 62.2

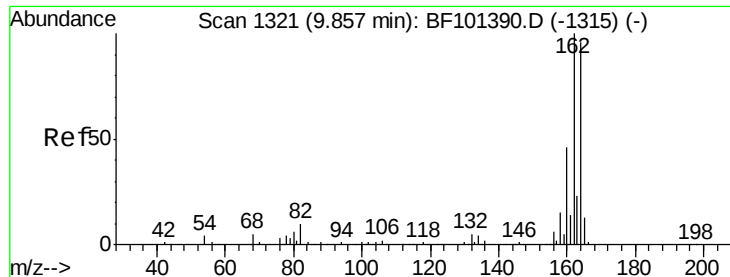


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

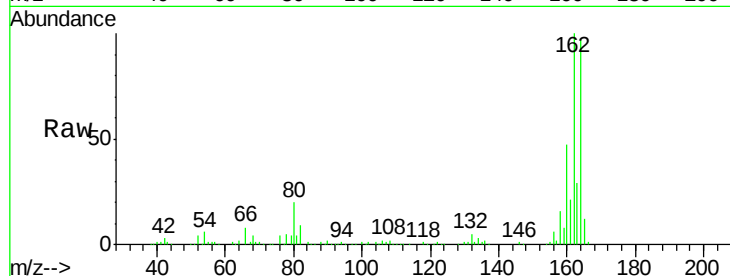




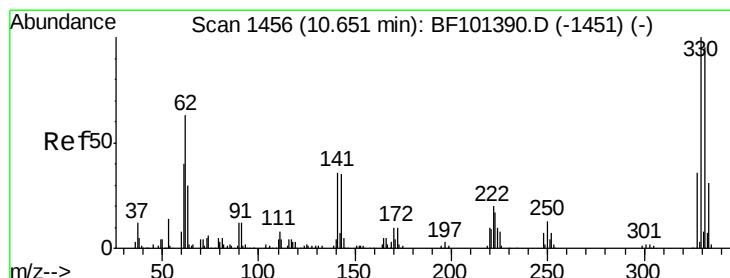
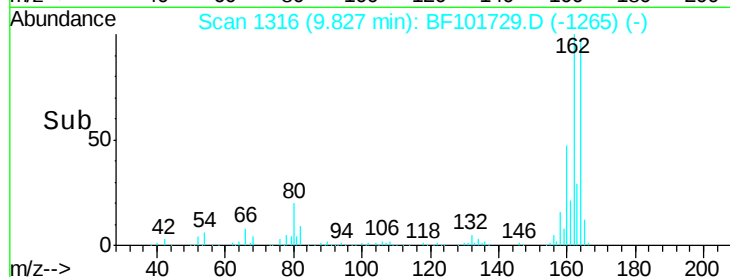
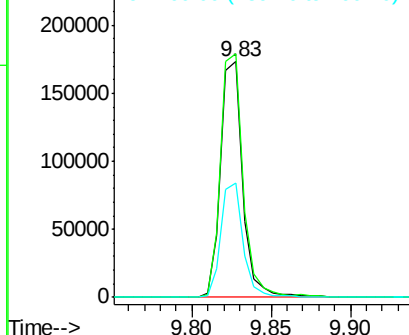
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF101729.D
 Acq: 26 Dec 2017 22:27

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-122217

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	48.4	38.3	57.5

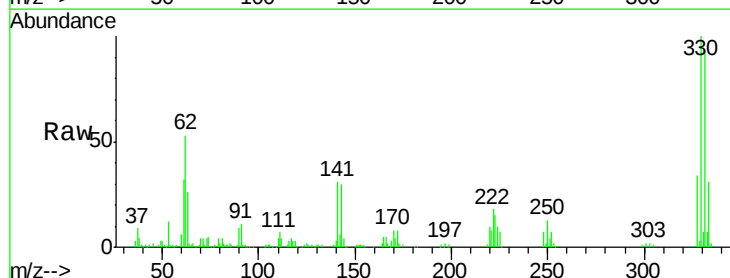


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

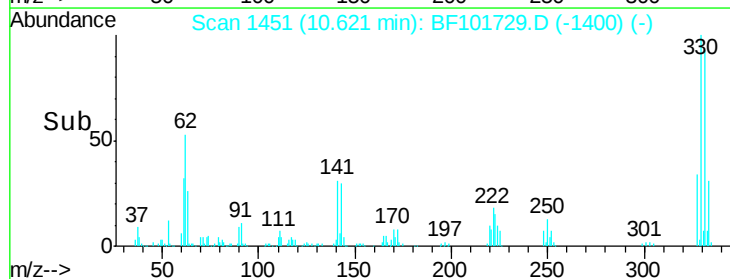
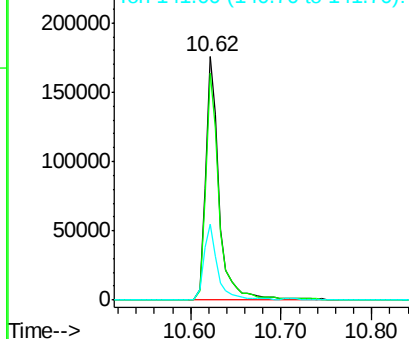


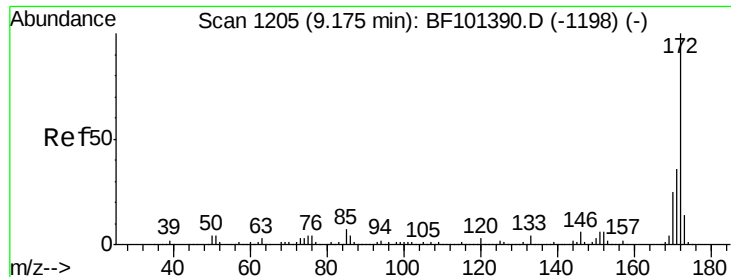
#41
 2,4,6-Tribromophenol
 Concen: 114.633 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101729.D
 Acq: 26 Dec 2017 22:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	31.9	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

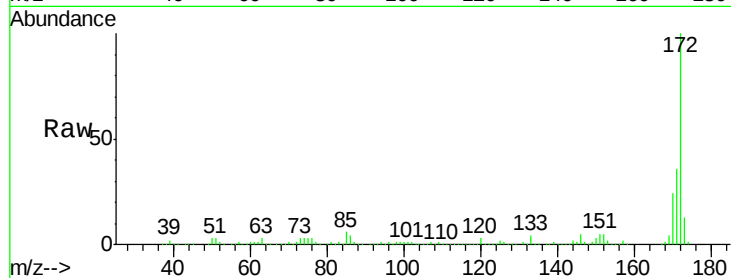




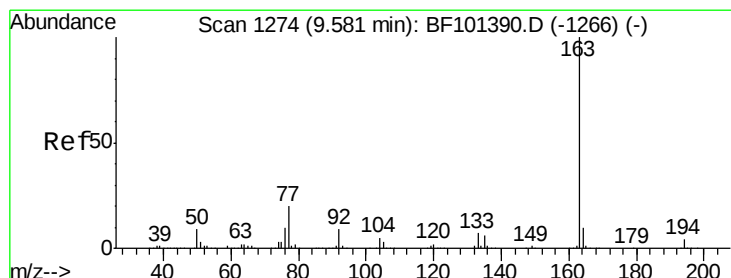
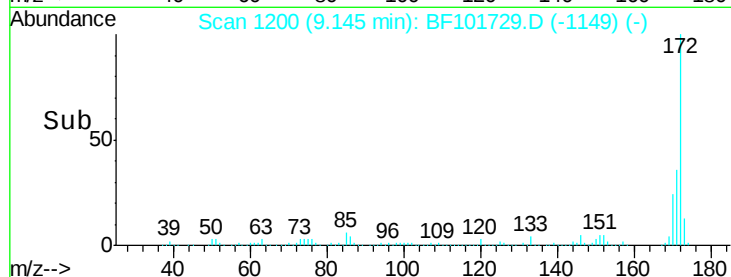
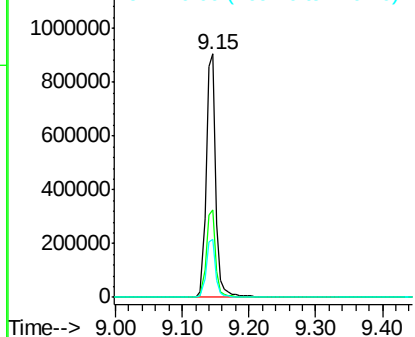
#44
2-Fluorobiphenyl
Concen: 82.708 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101729.D
Acq: 26 Dec 2017 22:27

Instrument :
BNA_F
ClientSampleId :
BU-01-122217

Tgt Ion:172 Resp: 897035
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.0 19.6 29.4

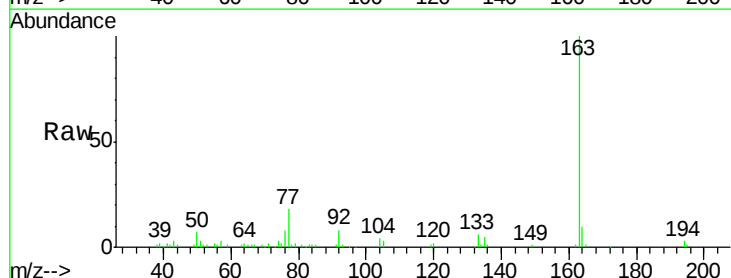


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

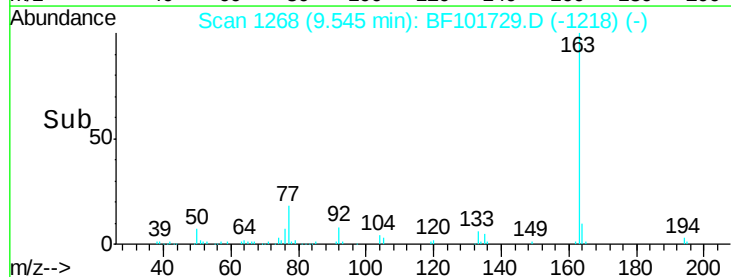
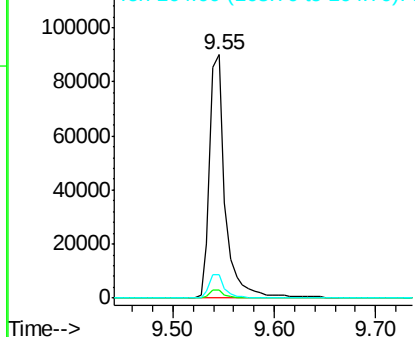


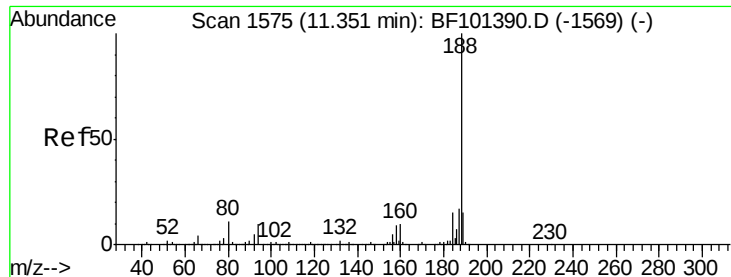
#49
Dimethylphthalate
Concen: 7.175 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101729.D
Acq: 26 Dec 2017 22:27

Tgt Ion:163 Resp: 97093
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

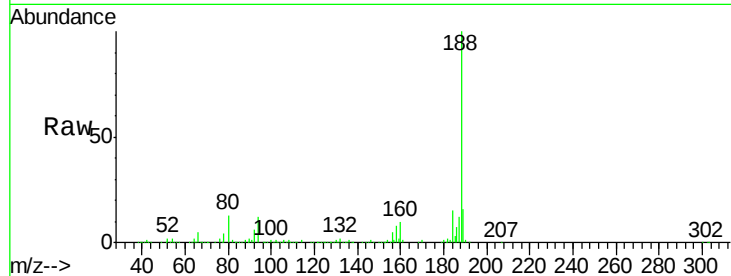




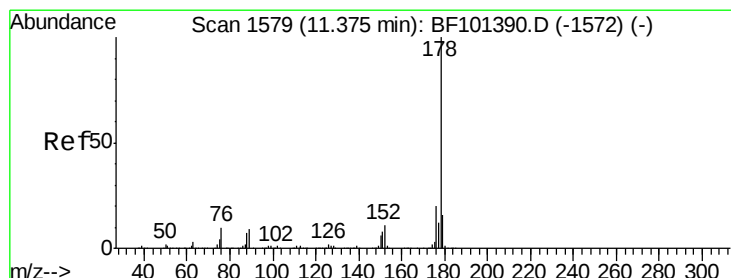
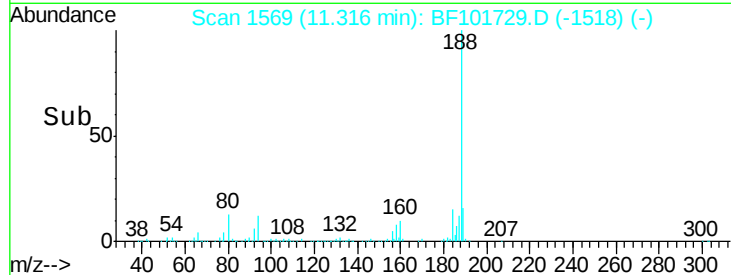
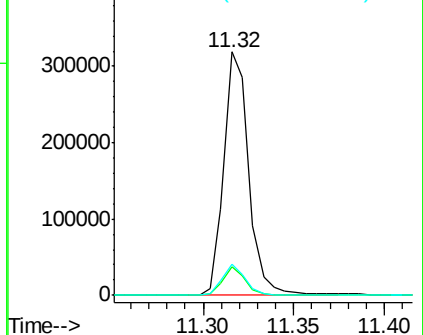
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101729.D
Acq: 26 Dec 2017 22:27

Instrument :
BNA_F
ClientSampleId :
BU-01-122217

Tgt Ion:188 Resp: 307403
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.6 9.2 13.8

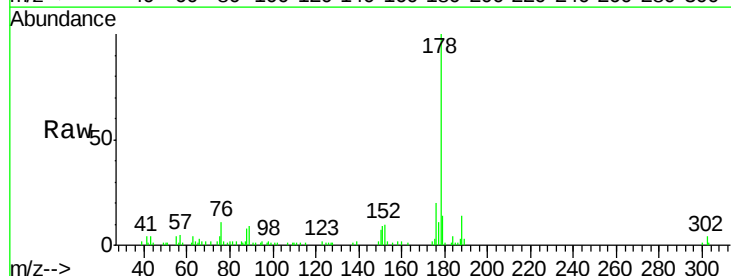


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

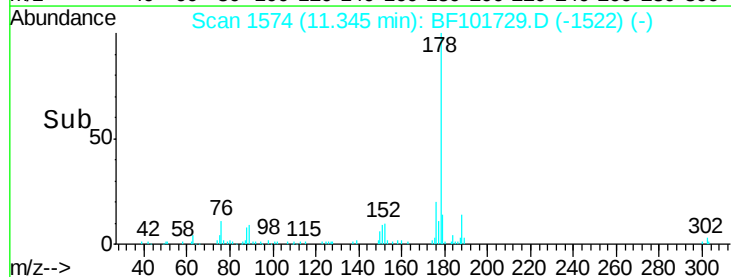
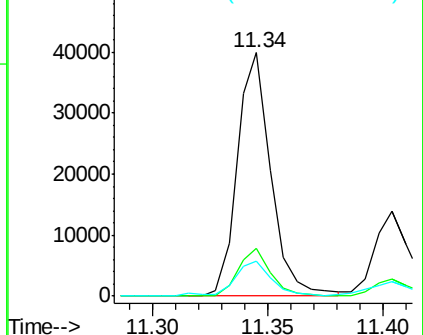


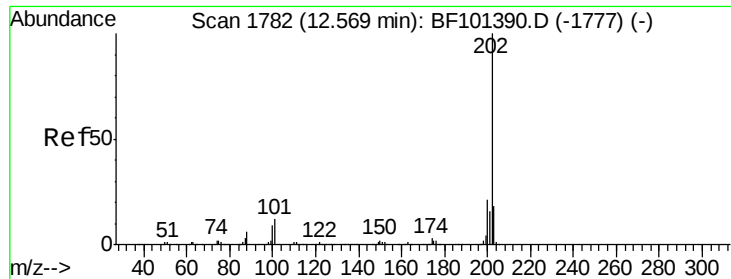
#70
Phenanthrene
Concen: 2.372 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101729.D
Acq: 26 Dec 2017 22:27

Tgt Ion:178 Resp: 40553
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 14.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.608 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF101729.D

Acq: 26 Dec 2017 22:27

Instrument :

BNA_F

ClientSampleId :

BU-01-122217

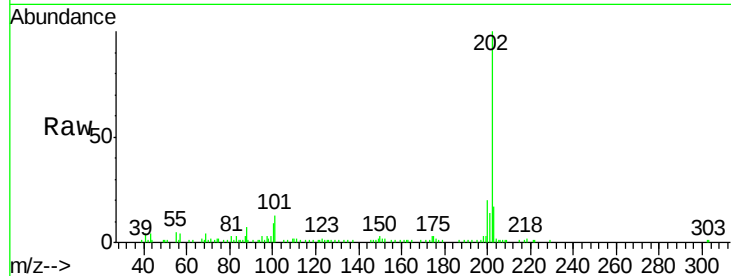
Tgt Ion:202 Resp: 46806

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

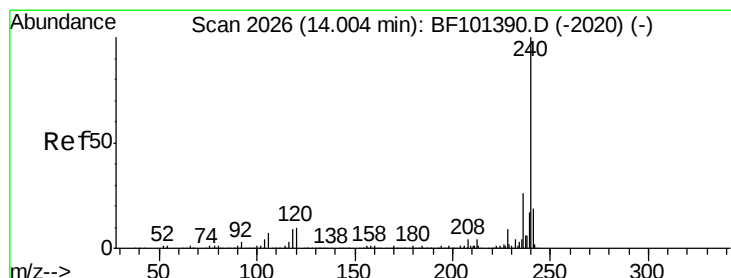
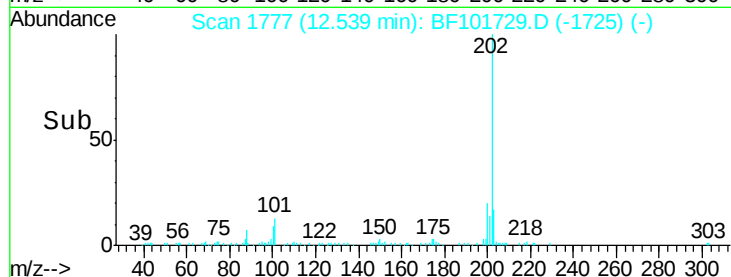
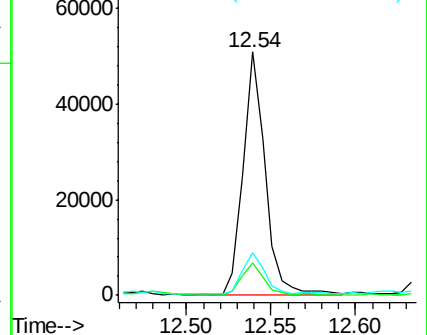
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101729.D

Acq: 26 Dec 2017 22:27

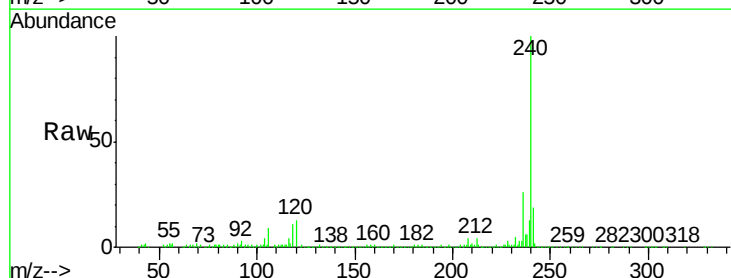
Tgt Ion:240 Resp: 304889

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

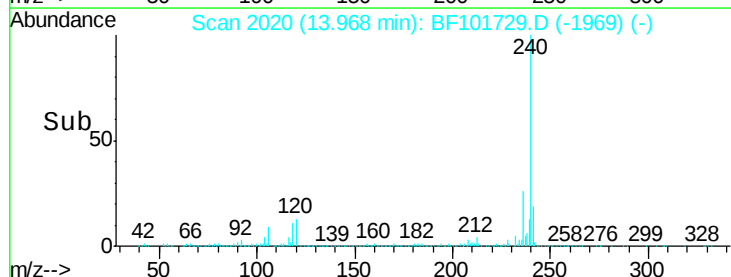
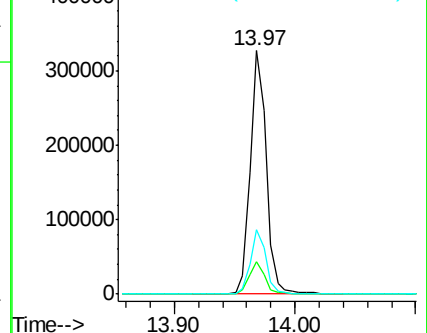
236 26.2 20.7 31.1

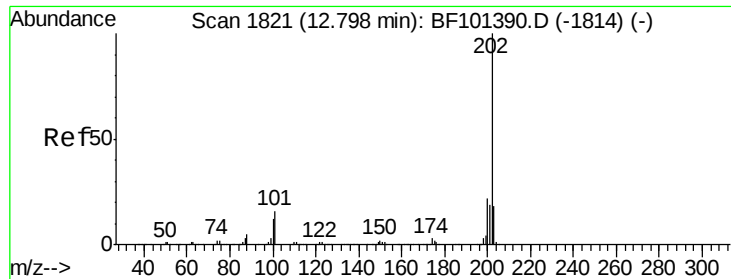


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

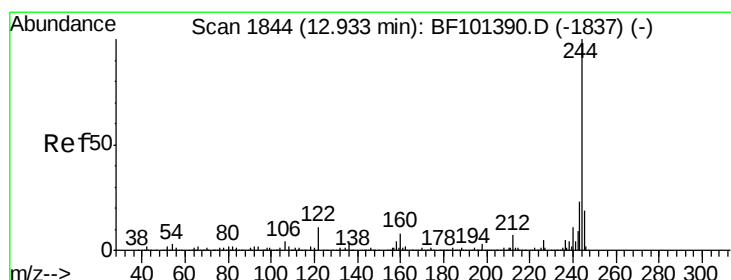
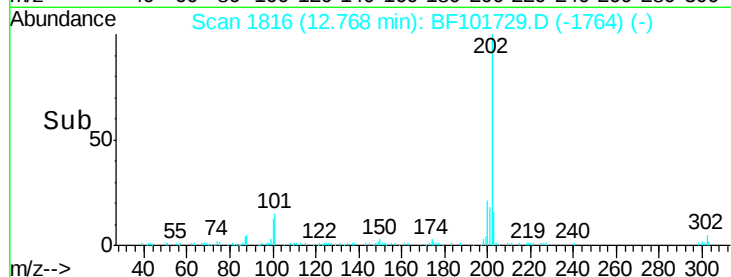
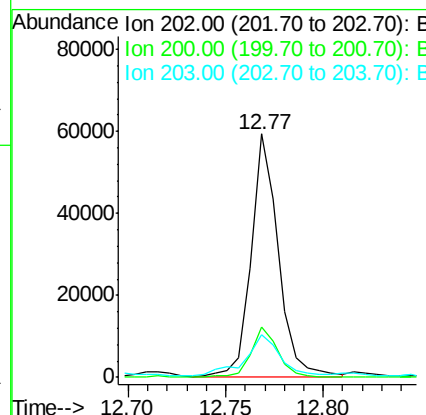
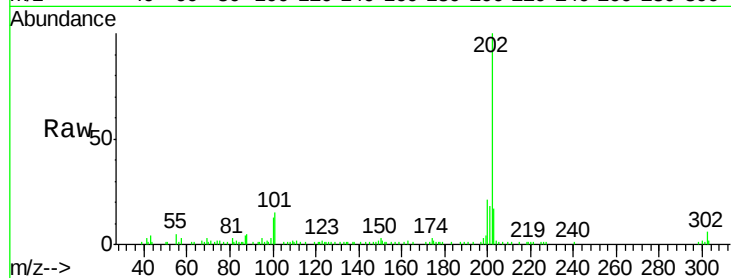




#77
 Pyrene
 Concen: 2.531 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF101729.D
 Acq: 26 Dec 2017 22:27

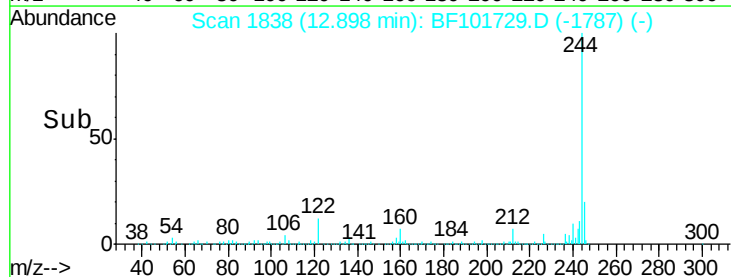
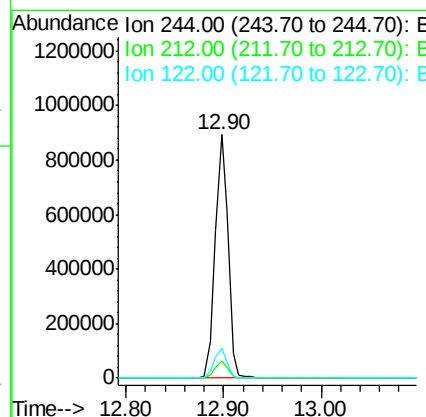
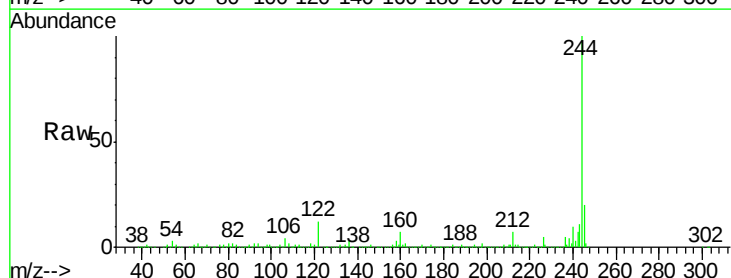
Instrument :
 BNA_F
 ClientSampleId :
 BU-01-122217

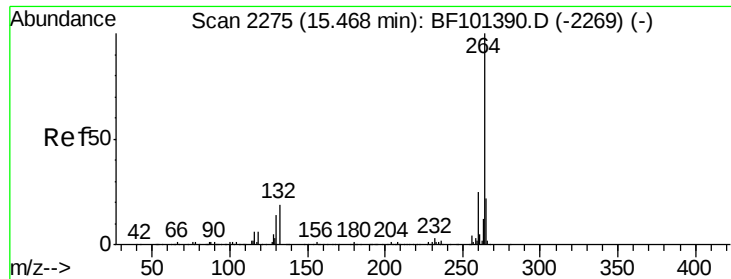
Tgt Ion: 202 Resp: 57920
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.4 26.2
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 64.661 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF101729.D
 Acq: 26 Dec 2017 22:27

Tgt Ion: 244 Resp: 817762
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.2 11.0 16.4

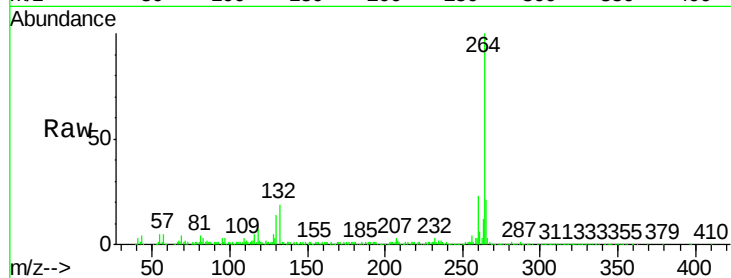




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101729.D
Acq: 26 Dec 2017 22:27

Instrument :
BNA_F
ClientSampleId :
BU-01-122217

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	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

