

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
 Data File : BF102055.D
 Acq On : 12 Jan 2018 20:50
 Operator : SJ/JU
 Sample : J1094-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBSW-2(4-10)

Quant Time: Jan 12 23:54:21 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

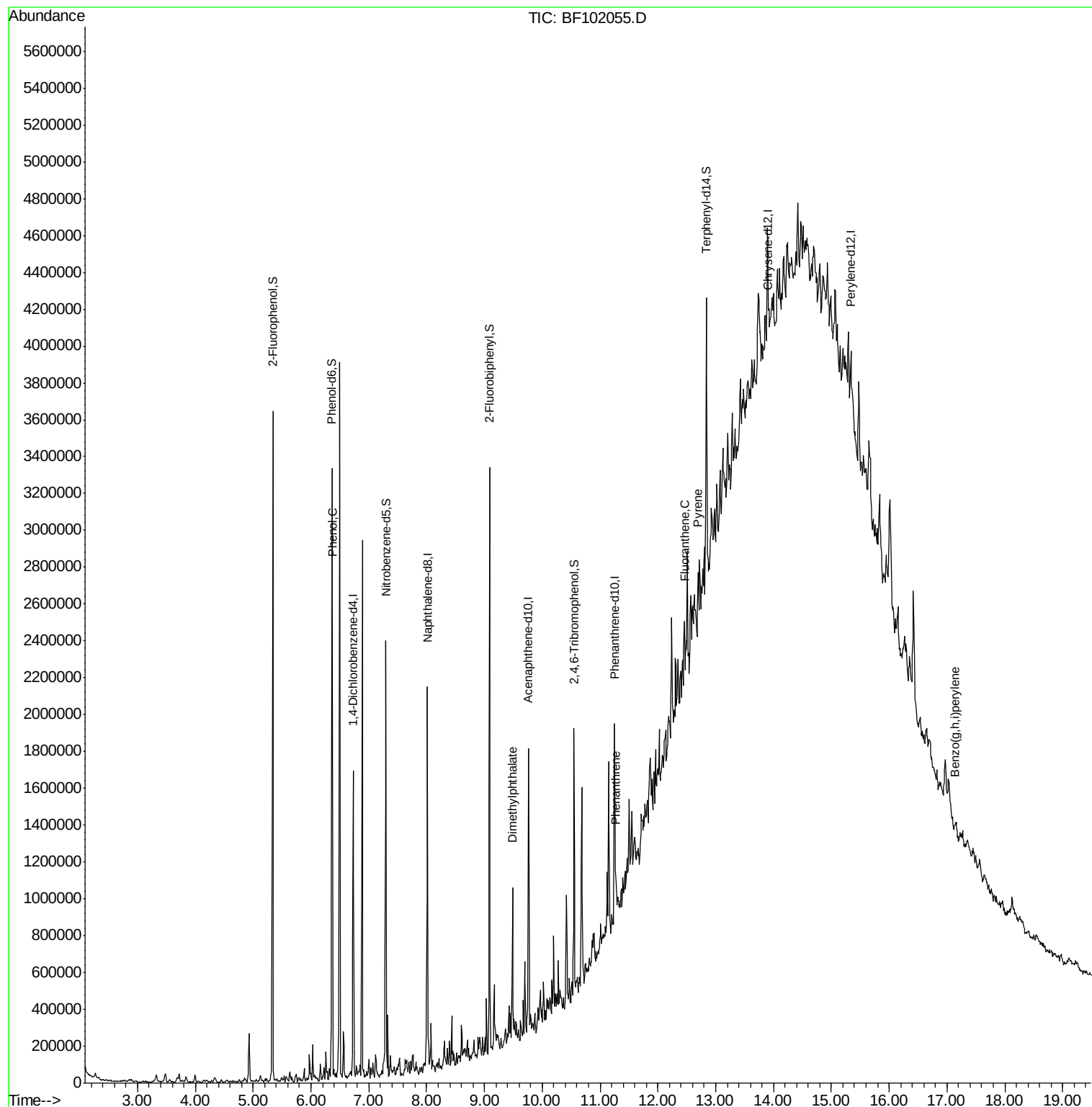
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	213654	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	800045	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	302705	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	402907	20.00	ng	0.00
75) Chrysene-d12	13.90	240	266428	20.00	ng	0.02
86) Perylene-d12	15.34	264	210515	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1003989	66.36	ng	0.01
7) Phenol-d6	6.36	99	1200962	66.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	701128	51.50	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	153231	58.01	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	996950	51.45	ng	0.00
78) Terphenyl-d14	12.84	244	531558	41.42	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	50669	2.484	ng	97
49) Dimethylphthalate	9.48	163	213415	8.789	ng	99
70) Phenanthrene	11.27	178	70696	3.004	ng	96
74) Fluoranthene	12.46	202	66533	2.873	ng	93
77) Pyrene	12.69	202	69659	2.958	ng	# 91
91) Benzo(g,h,i)perylene	17.14	276	26511	2.670	ng	# 67

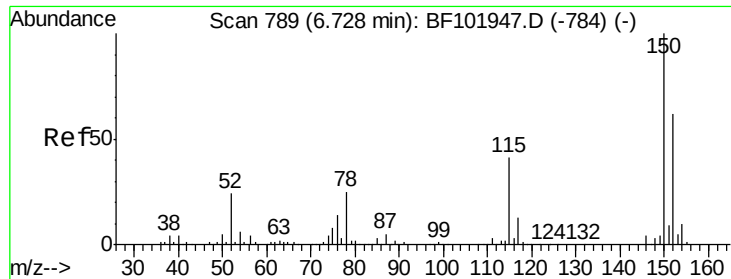
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102055.D
Acq On : 12 Jan 2018 20:50
Operator : SJ/JU
Sample : J1094-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBSW-2(4-10)

Quant Time: Jan 12 23:54:21 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



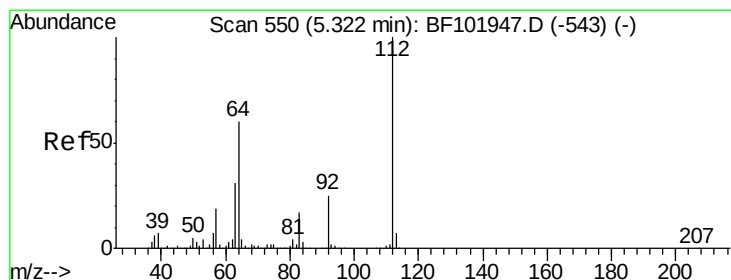
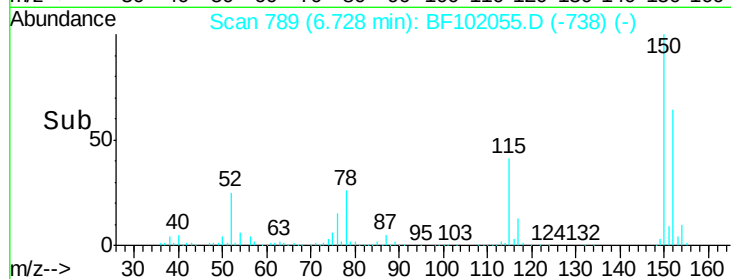
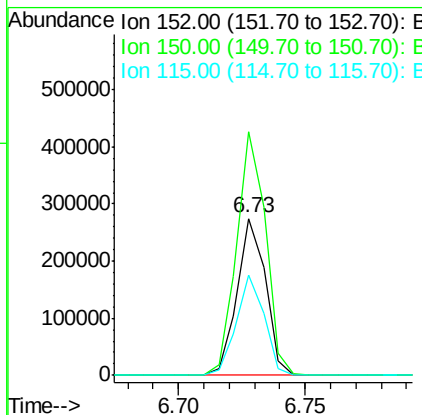
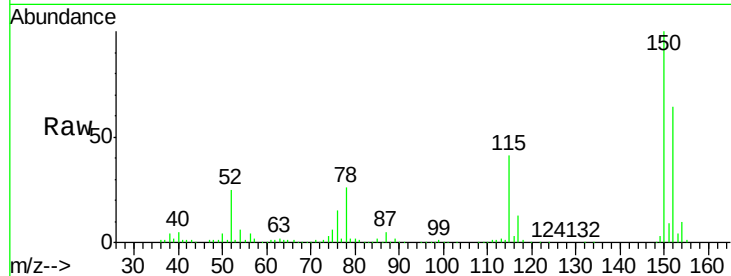


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF102055.D
 Acq: 12 Jan 2018 20:50

Instrument :
 BNA_F
 ClientSampleId :
 DBSW-2(4-10)

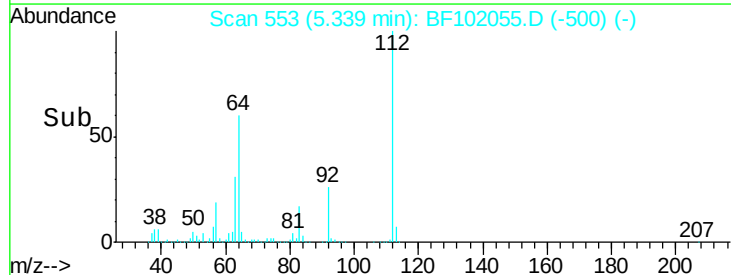
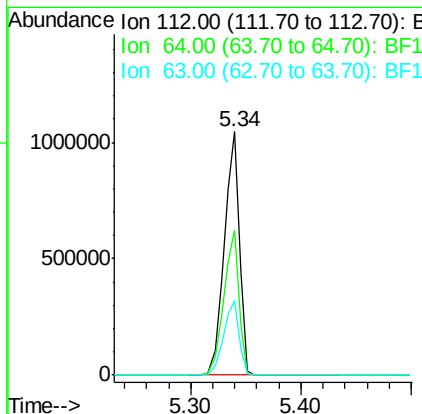
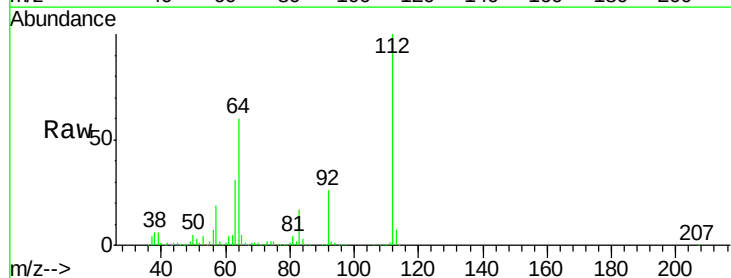
Tgt Ion:152 Resp: 213654
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 64.2 50.1 75.1

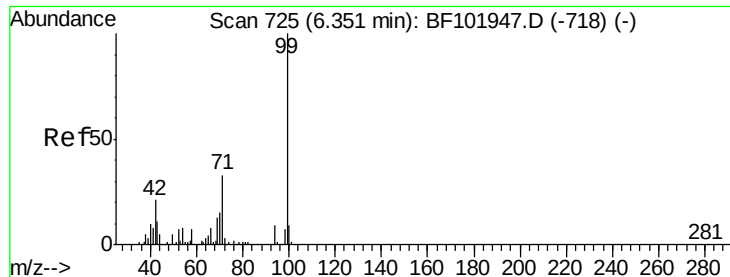


#5

2-Fluorophenol
 Concen: 66.356 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF102055.D
 Acq: 12 Jan 2018 20:50

Tgt Ion:112 Resp: 1003989
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.9 71.9
 63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 66.527 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102055.D

Acq: 12 Jan 2018 20:50

Instrument :

BNA_F

ClientSampleId :

DBSW-2(4-10)

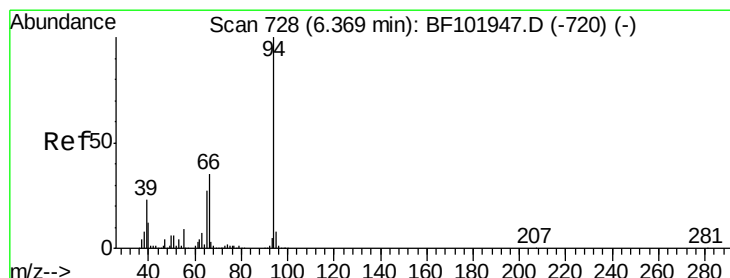
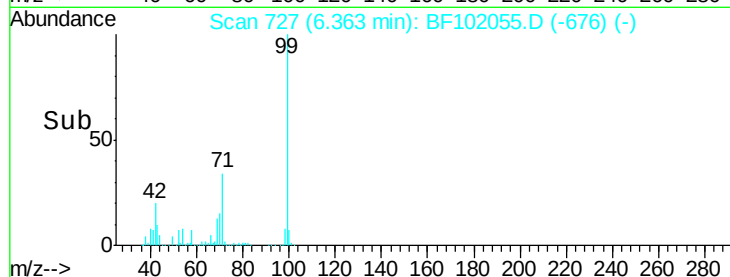
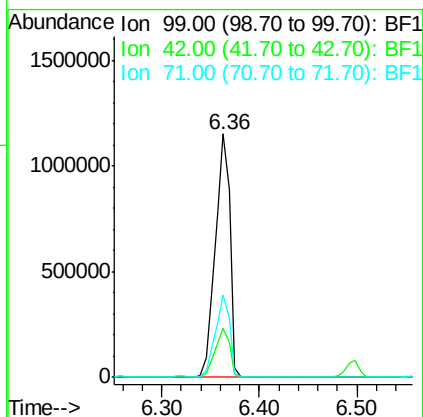
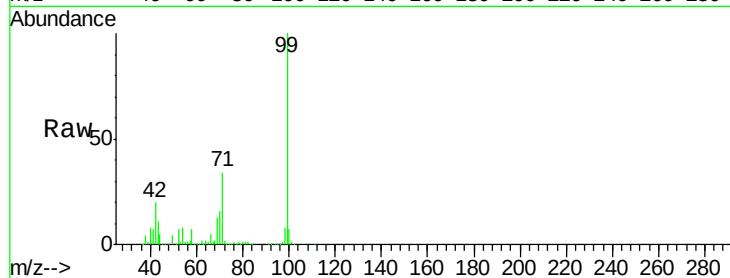
Tgt Ion: 99 Resp: 1200962

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 33.9 25.4 38.0



#10

Phenol

Concen: 2.484 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102055.D

Acq: 12 Jan 2018 20:50

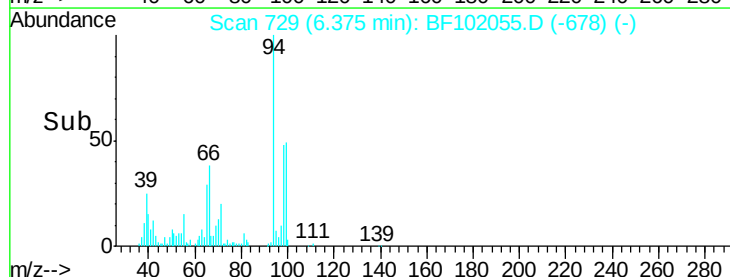
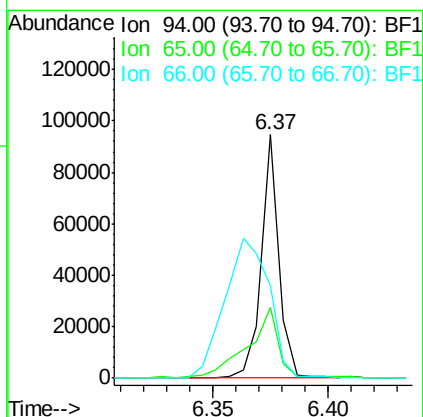
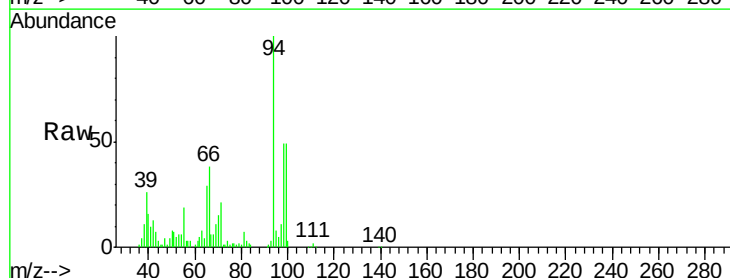
Tgt Ion: 94 Resp: 50669

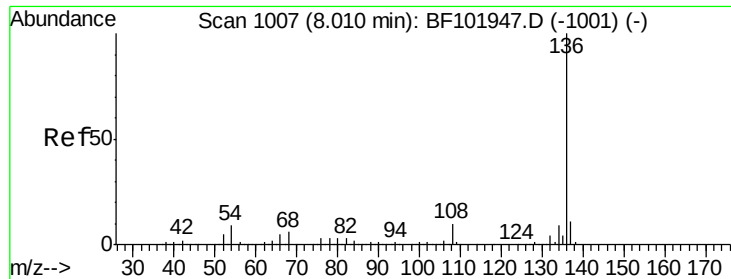
Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

66 38.2 16.2 56.2

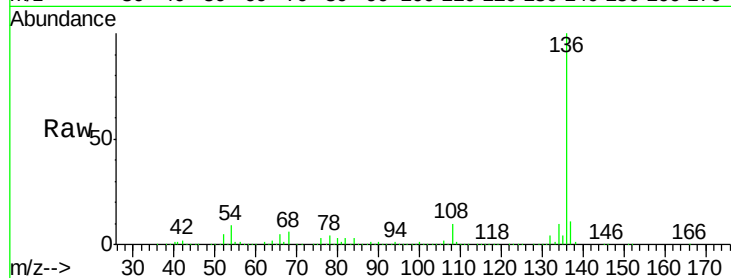




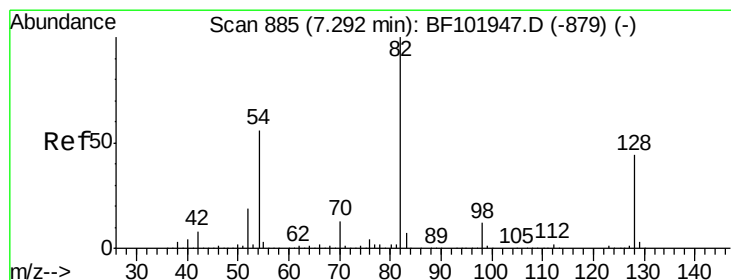
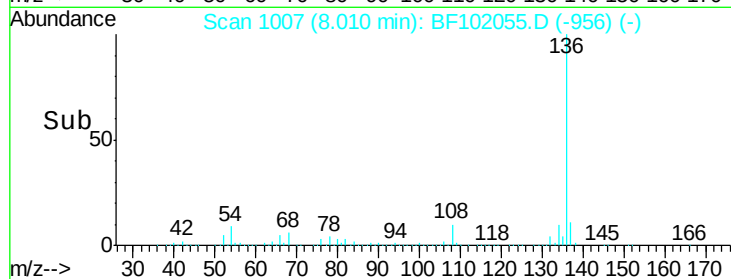
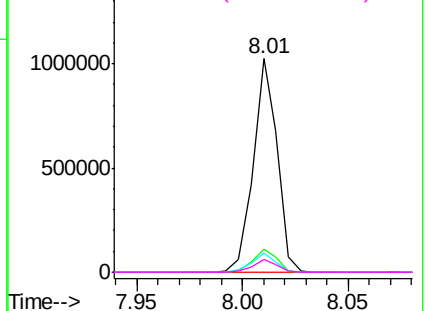
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF102055.D
Acq: 12 Jan 2018 20:50

Instrument :
BNA_F
ClientSampleId :
DBSW-2(4-10)

Tgt Ion:	136	Resp:	800045
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.0	6.6	9.8
68	6.3	5.0	7.4

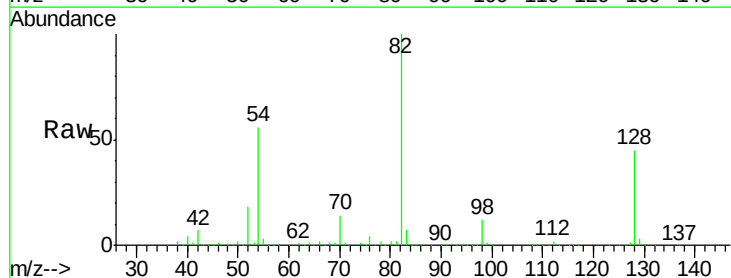


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

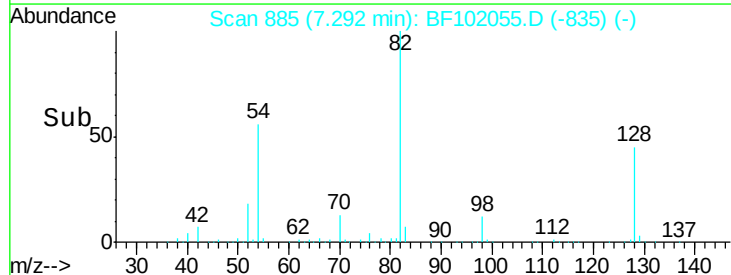
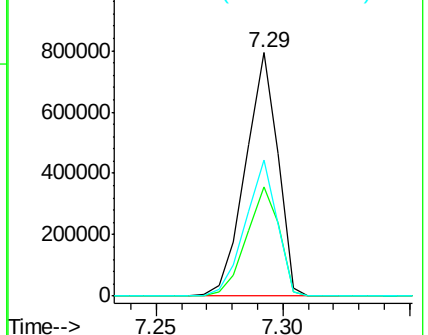


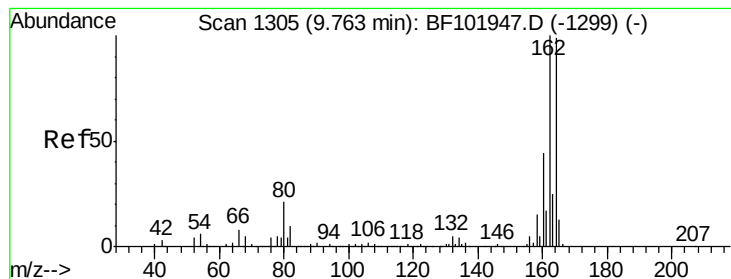
#23
Nitrobenzene-d5
Concen: 51.499 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102055.D
Acq: 12 Jan 2018 20:50

Tgt Ion:	82	Resp:	701128
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	56.1	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: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF102055.D

Acq: 12 Jan 2018 20:50

Instrument :

BNA_F

ClientSampleId :

DBSW-2(4-10)

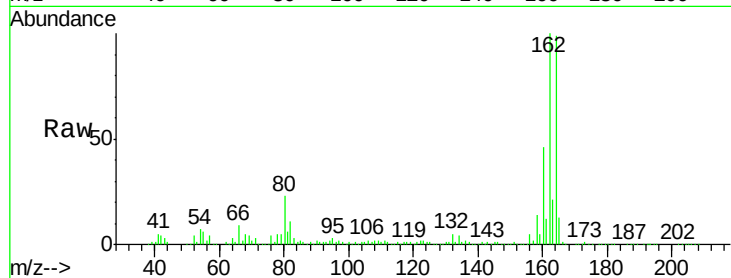
Tgt Ion:164 Resp: 302705

Ion Ratio Lower Upper

164 100

162 100.6 86.1 129.1

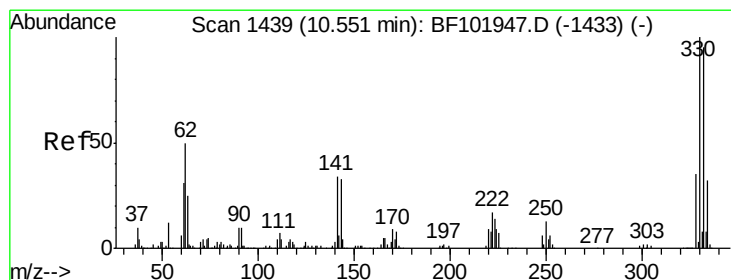
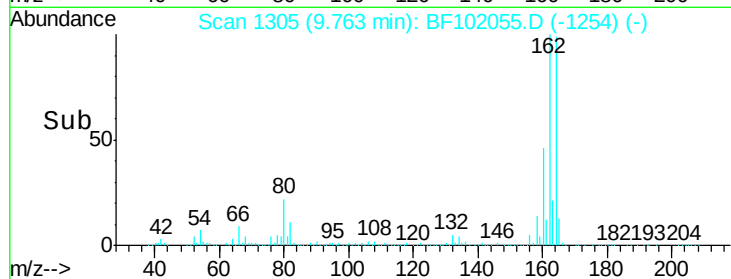
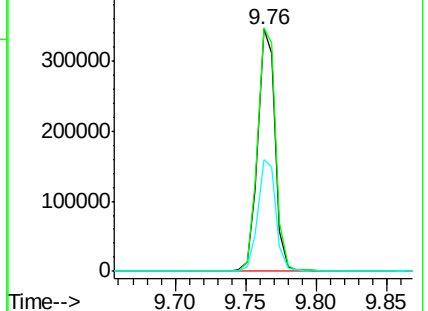
160 46.0 38.3 57.5



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: 58.005 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF102055.D

Acq: 12 Jan 2018 20:50

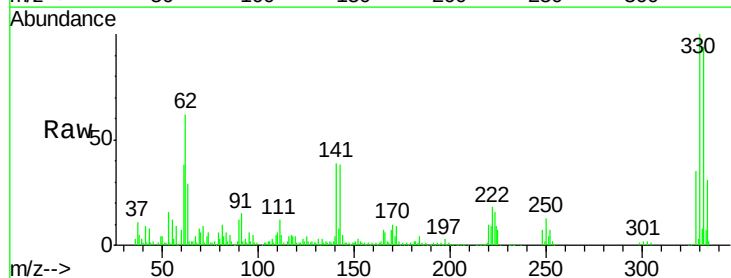
Tgt Ion:330 Resp: 153231

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

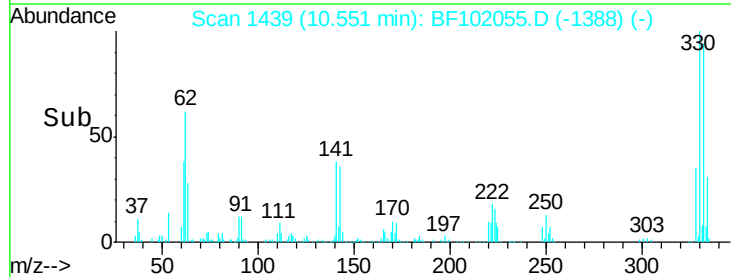
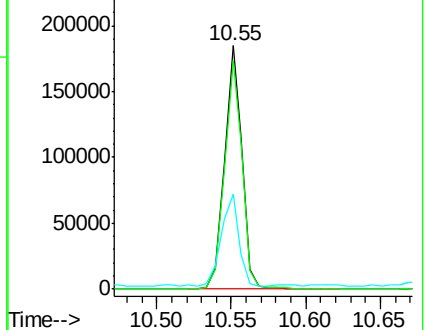
141 38.1 29.9 44.9

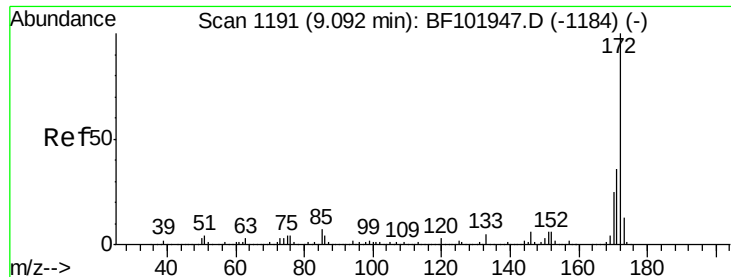


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

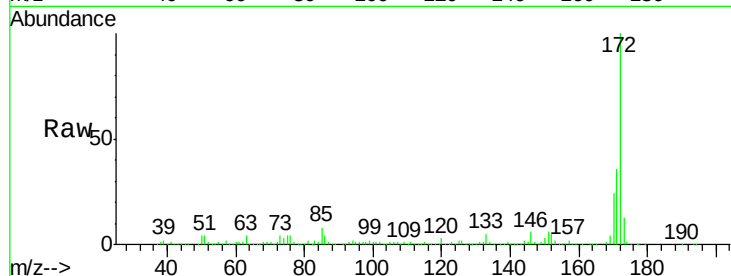




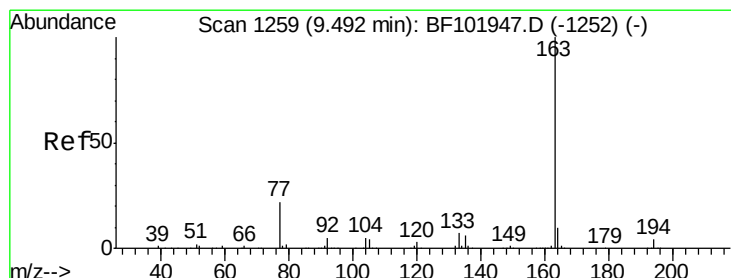
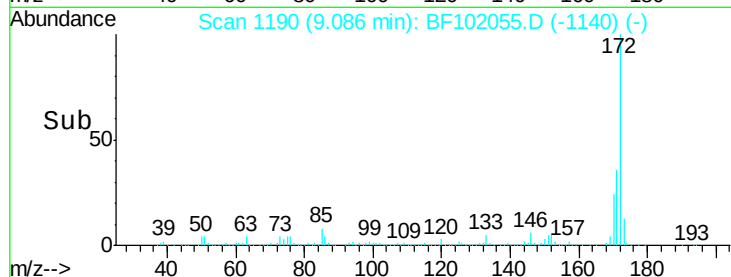
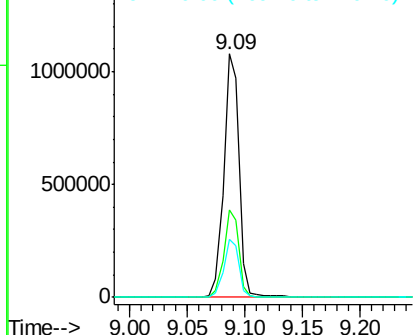
#44
2-Fluorobiphenyl
Concen: 51.453 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF102055.D
Acq: 12 Jan 2018 20:50

Instrument :
BNA_F
ClientSampleId :
DBSW-2(4-10)

Tgt Ion:172 Resp: 996950
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.0 19.6 29.4

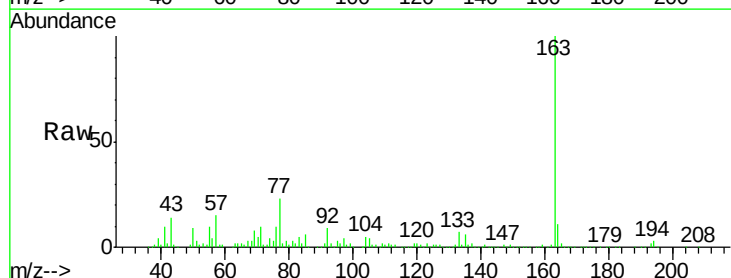


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

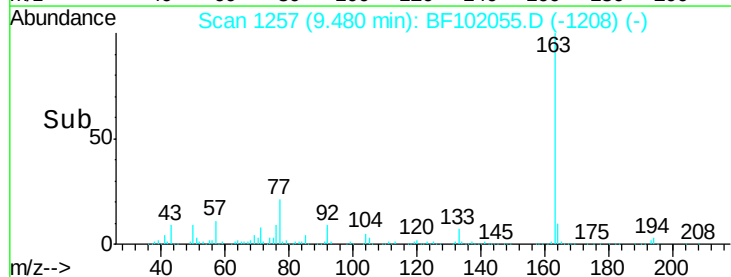
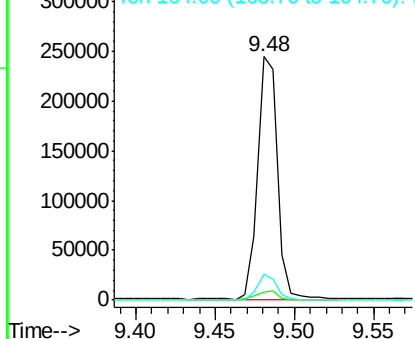


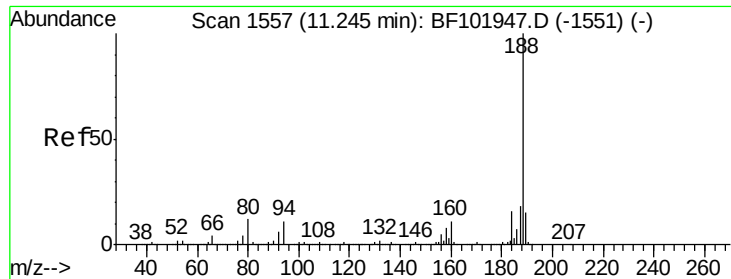
#49
Dimethylphthalate
Concen: 8.789 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102055.D
Acq: 12 Jan 2018 20:50

Tgt Ion:163 Resp: 213415
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.8 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

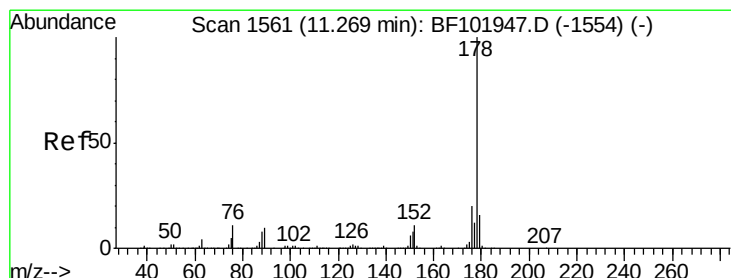
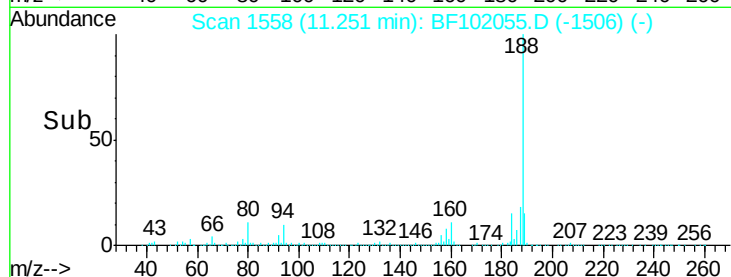
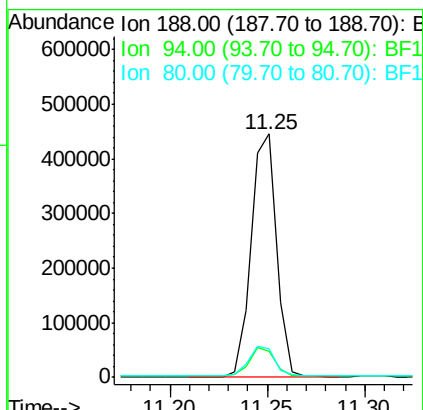
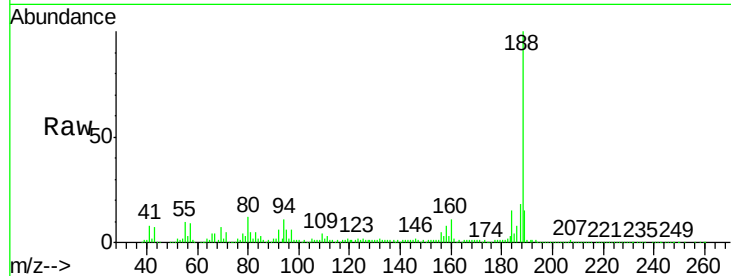




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF102055.D
 Acq: 12 Jan 2018 20:50

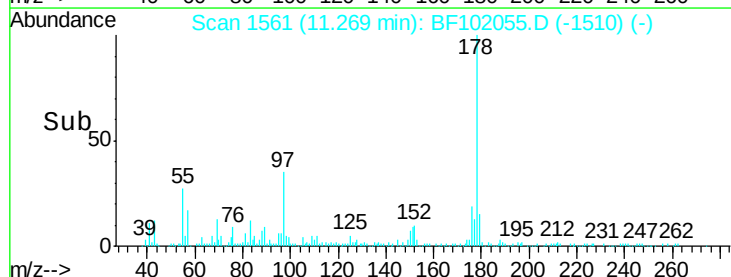
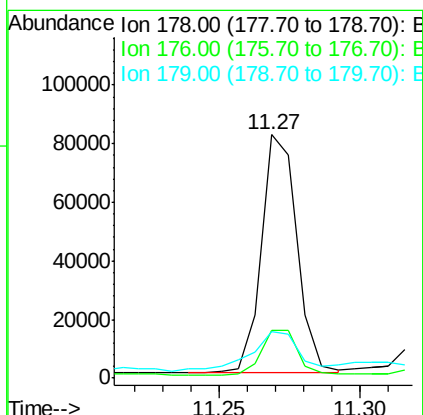
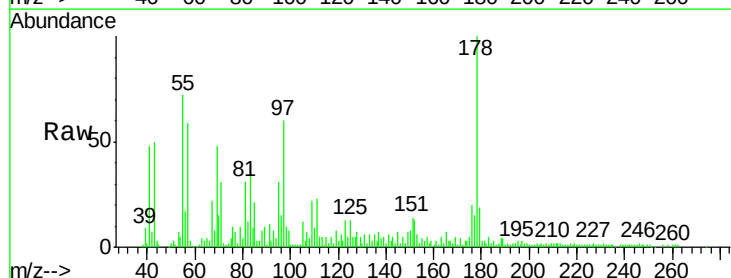
Instrument :
 BNA_F
 ClientSampleId :
 DBSW-2(4-10)

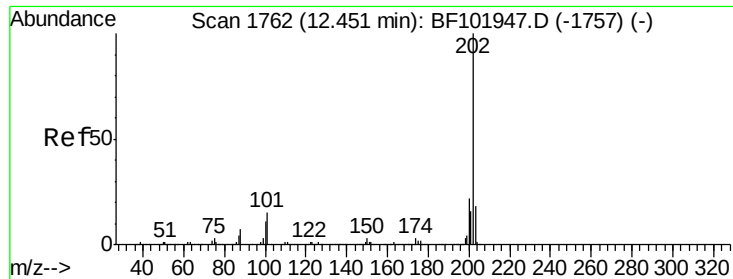
Tgt Ion:188 Resp: 402907
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.5 9.2 13.8



#70
 Phenanthrene
 Concen: 3.004 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF102055.D
 Acq: 12 Jan 2018 20:50

Tgt Ion:178 Resp: 70696
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 19.3 13.0 19.6





#74

Fluoranthene

Concen: 2.873 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF102055.D

Acq: 12 Jan 2018 20:50

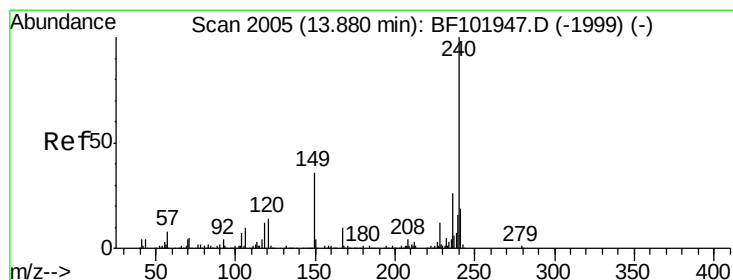
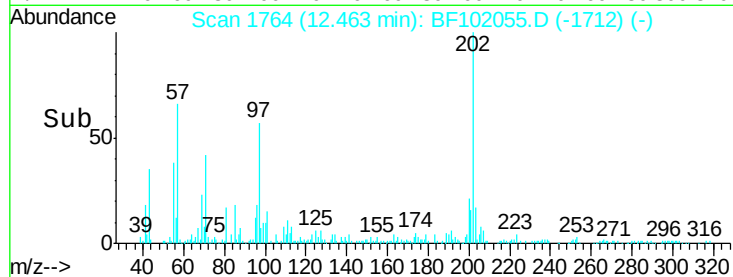
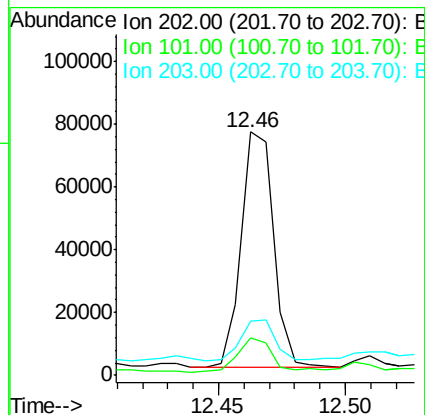
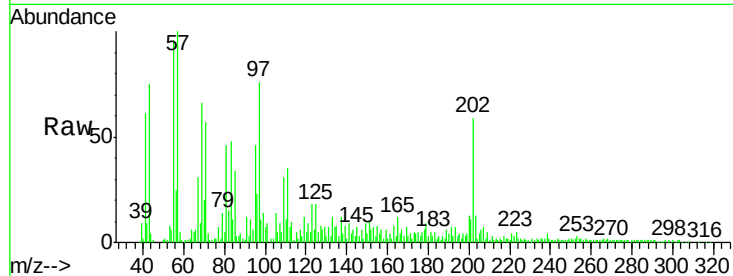
Instrument :

BNA_F

ClientSampleId :

DBSW-2(4-10)

Tgt Ion:	202	Resp:	66533
Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	34.1
203	22.2	0.0	38.1



#75

Chrysene-d12

Concen: 20.000 ng

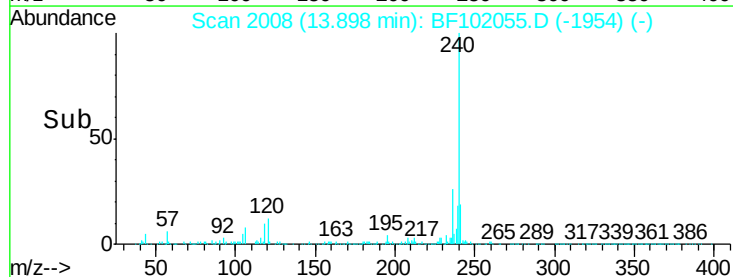
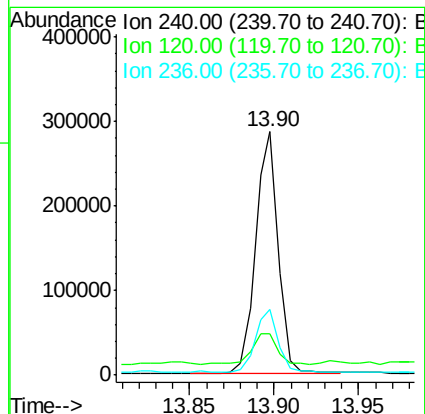
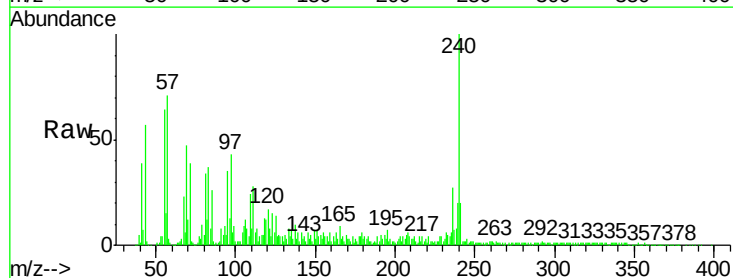
RT: 13.90 min Scan# 2008

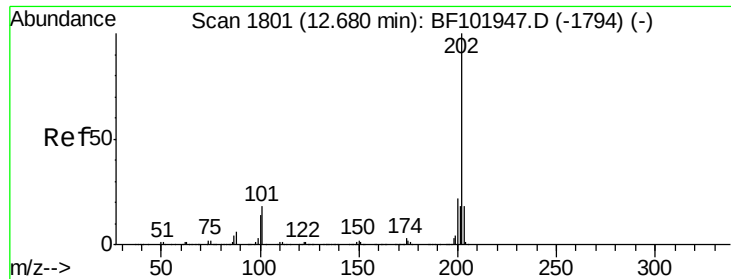
Delta R.T. 0.02 min

Lab File: BF102055.D

Acq: 12 Jan 2018 20:50

Tgt Ion:	240	Resp:	266428
Ion	Ratio	Lower	Upper
240	100		
120	17.2	9.5	14.3#
236	27.1	20.7	31.1





#77

Pyrene

Concen: 2.958 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF102055.D

Acq: 12 Jan 2018 20:50

Instrument :

BNA_F

ClientSampleId :

DBSW-2(4-10)

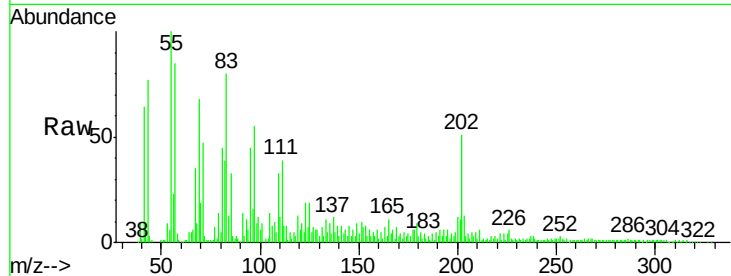
Tgt Ion:202 Resp: 69659

Ion Ratio Lower Upper

202 100

200 23.5 17.4 26.2

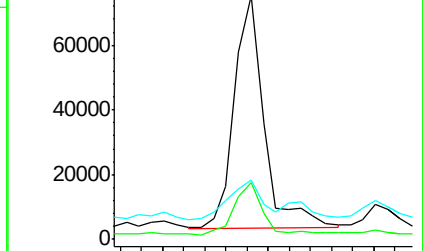
203 24.5 14.3 21.5#



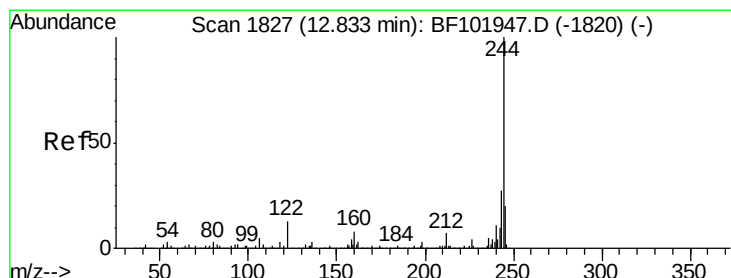
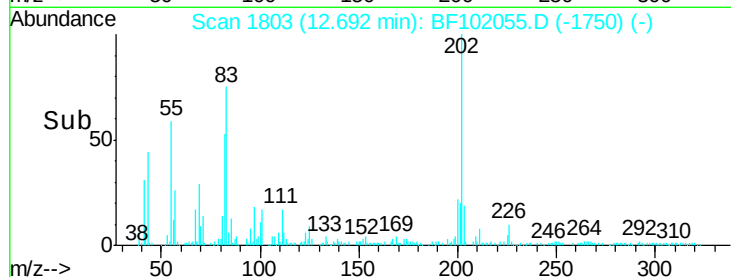
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 41.424 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF102055.D

Acq: 12 Jan 2018 20:50

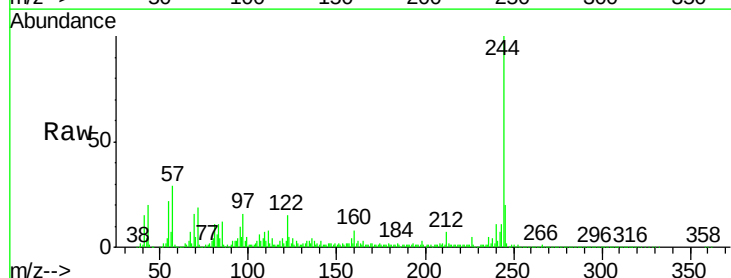
Tgt Ion:244 Resp: 531558

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

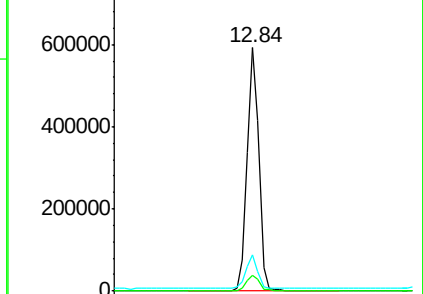
122 15.0 11.0 16.4



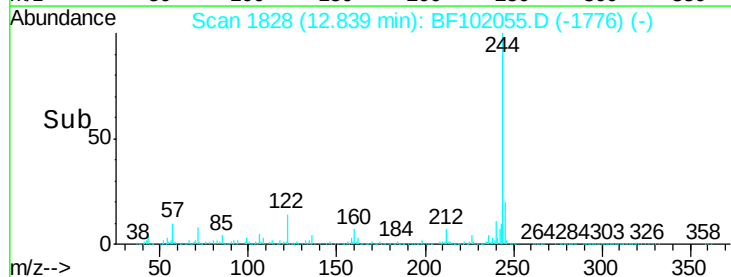
Abundance Ion 244.00 (243.70 to 244.70): E

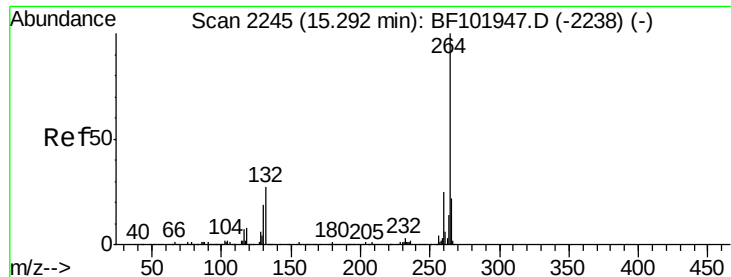
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

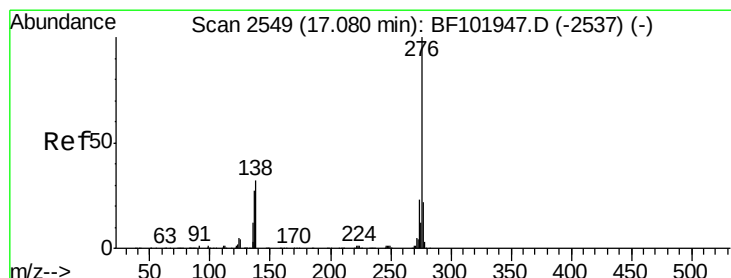
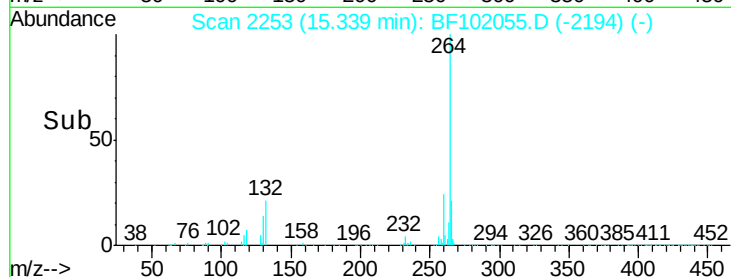
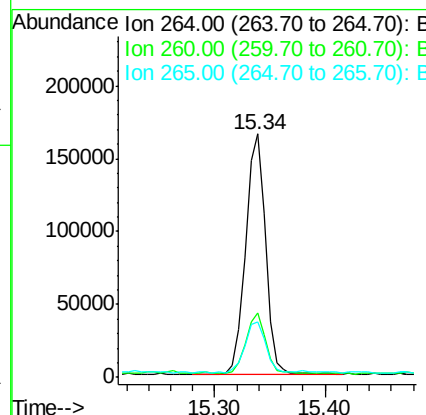
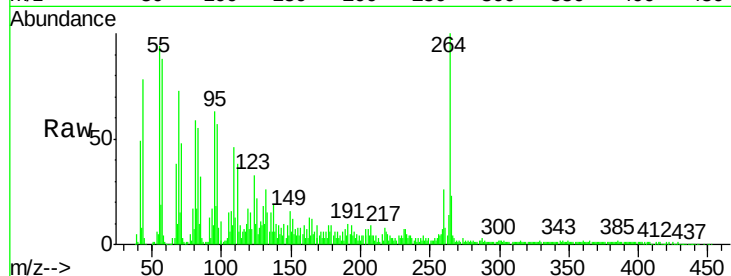




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.05 min
Lab File: BF102055.D
Acq: 12 Jan 2018 20:50

Instrument :
BNA_F
ClientSampleId :
DBSW-2(4-10)

Tgt Ion:264 Resp: 210515
Ion Ratio Lower Upper
264 100
260 26.3 19.2 28.8
265 22.6 17.5 26.3



#91
Benzo(g,h,i)perylene
Concen: 2.670 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.05 min
Lab File: BF102055.D
Acq: 12 Jan 2018 20:50

Tgt Ion:276 Resp: 26511
Ion Ratio Lower Upper
276 100
277 29.2 17.9 26.9#
138 52.8 21.8 32.8#

