

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091682.D
 Acq On : 16 Dec 2016 19:37
 Operator : UM/SJ
 Sample : H6099-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-C-121316

Quant Time: Dec 16 23:26:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

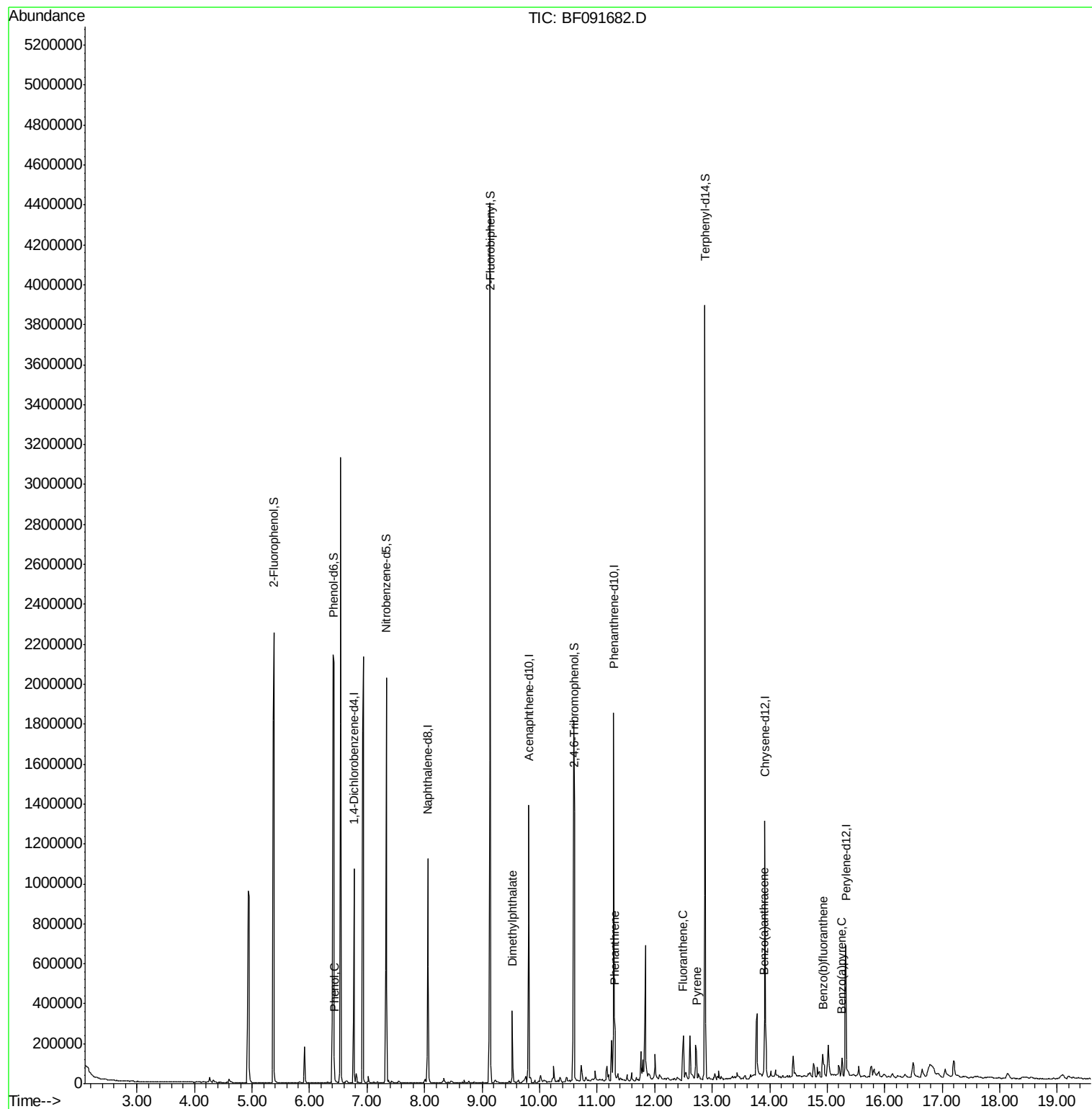
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	155563	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	616632	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	367575	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	555043	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	385934	20.00	ng	-0.02
86) Perylene-d12	15.32	264	318291	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	799279	86.56	ng	0.00
7) Phenol-d6	6.42	99	1063503	92.39	ng	-0.01
23) Nitrobenzene-d5	7.33	82	743927	67.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	292569	95.83	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1417257	66.62	ng	-0.01
78) Terphenyl-d14	12.88	244	1108082	65.15	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.43	94	51150	3.80	ng	77
49) Dimethylphthalate	9.53	163	134892	5.80	ng	# 98
70) Phenanthrene	11.31	178	78473	2.86	ng	96
74) Fluoranthene	12.50	202	113951	3.96	ng	96
77) Pyrene	12.73	202	93845	3.06	ng	99
80) Benzo(a)anthracene	13.91	228	53435	2.38	ng	97
87) Benzo(b)fluoranthene	14.92	252	57176m	3.01	ng	
89) Benzo(a)pyrene	15.25	252	43157	2.52	ng	98

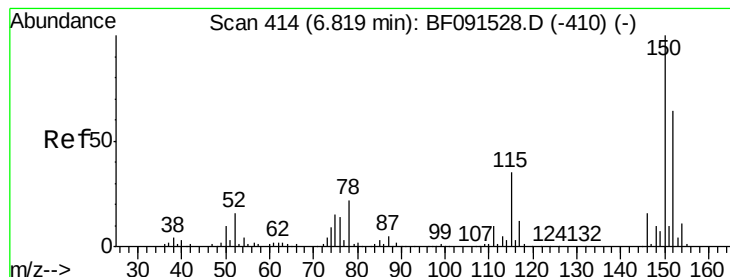
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091682.D
Acq On : 16 Dec 2016 19:37
Operator : UM/SJ
Sample : H6099-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-C-121316

Quant Time: Dec 16 23:26:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091682.D

Acq: 16 Dec 2016 19:37

Instrument :

BNA_F

ClientSampleId :

DUP-C-121316

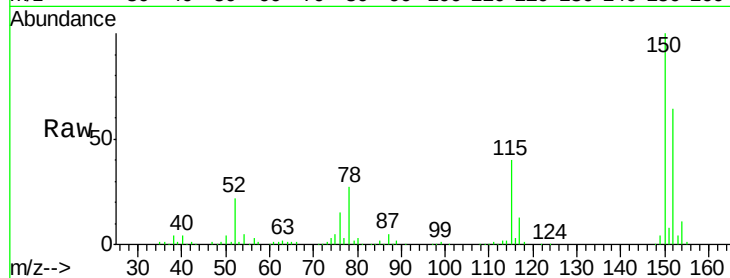
Tot Ion:152 Resp: 155563

Ion Ratio Lower Upper

152 100

150 156.0 122.5 183.7

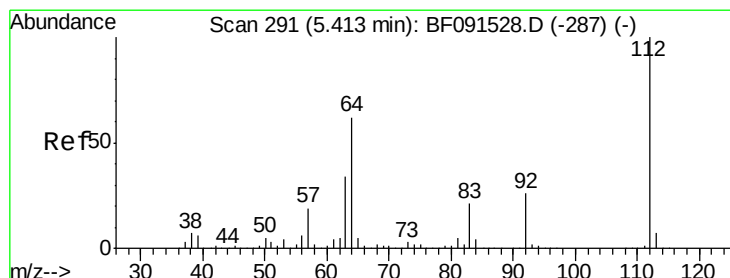
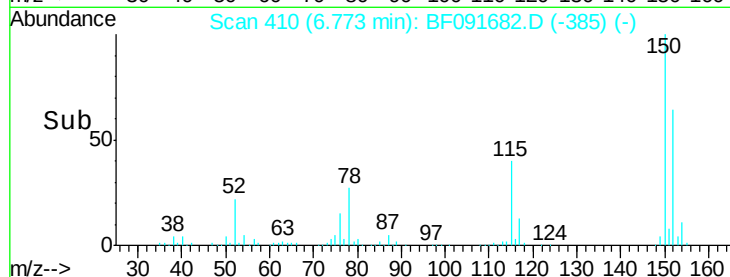
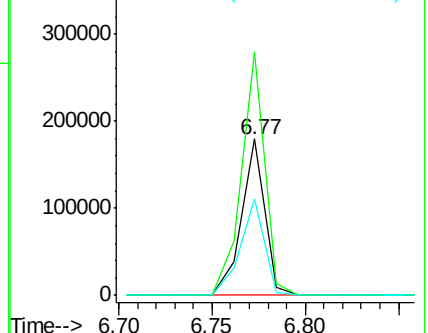
115 62.1 51.8 77.8



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: 86.56 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091682.D

Acq: 16 Dec 2016 19:37

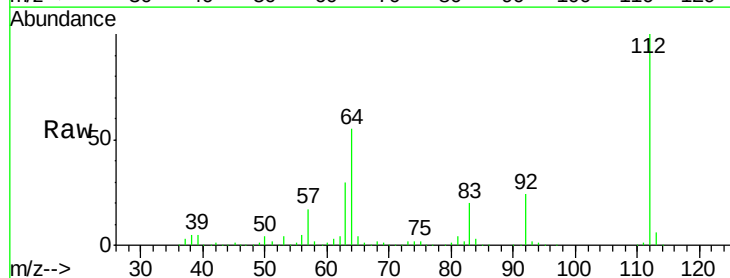
Tgt Ion:112 Resp: 799279

Ion Ratio Lower Upper

112 100

64 54.7 61.5 92.3#

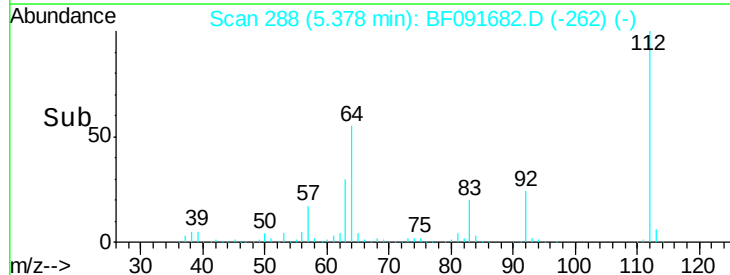
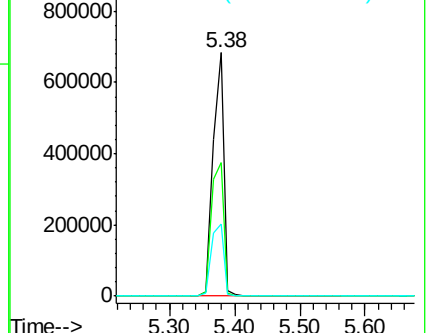
63 29.5 33.3 49.9#

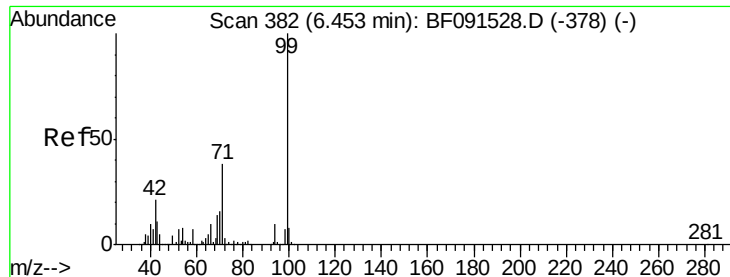


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.39 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091682.D

Acq: 16 Dec 2016 19:37

Instrument :

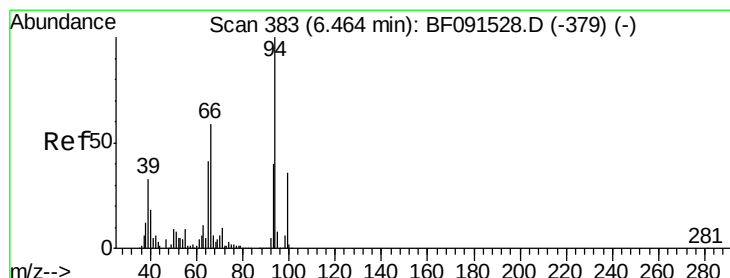
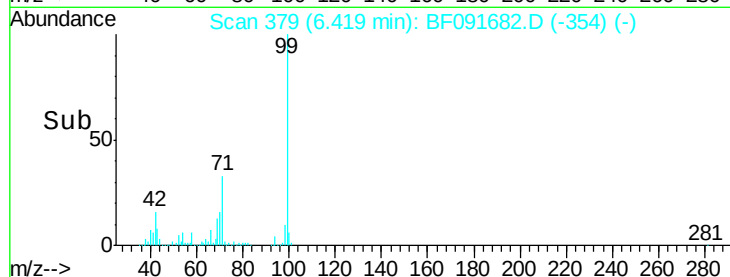
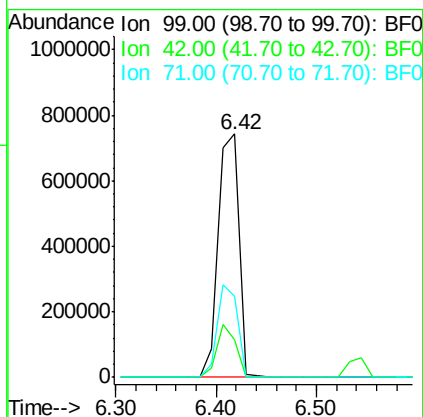
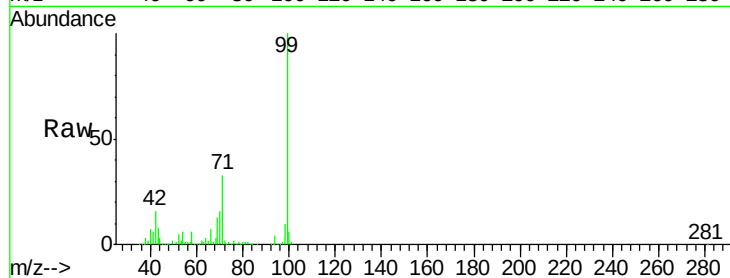
BNA_F

ClientSampleId :

DUP-C-121316

Tot Ion: 99 Resp: 1063503

Ion	Ratio	Lower	Upper
99	100		
42	15.5	20.6	31.0#
71	33.2	29.9	44.9



#10

Phenol

Concen: 3.80 ng

RT: 6.43 min Scan# 380

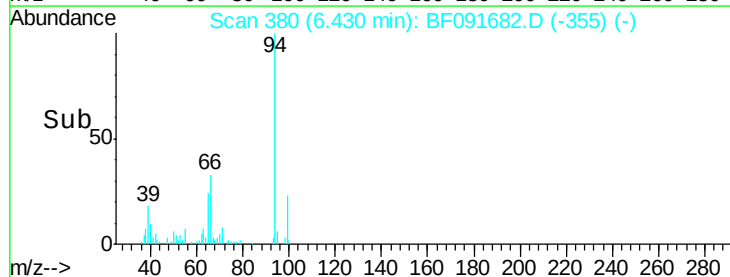
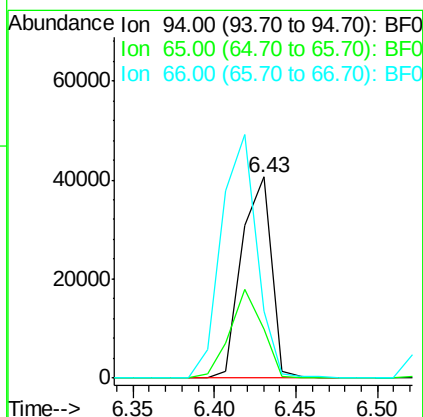
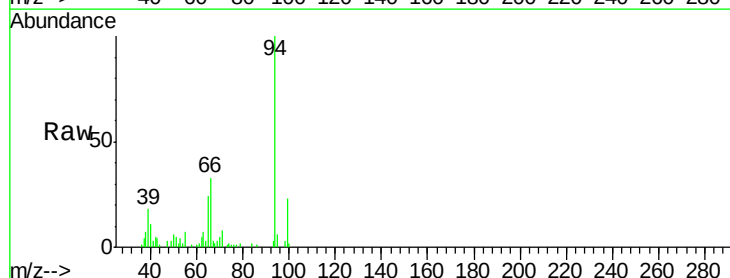
Delta R.T. -0.01 min

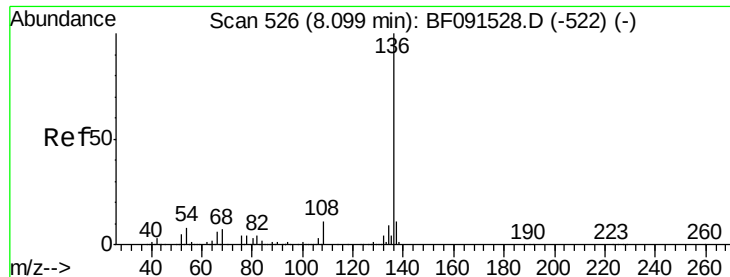
Lab File: BF091682.D

Acq: 16 Dec 2016 19:37

Tgt Ion: 94 Resp: 51150

Ion	Ratio	Lower	Upper
94	100		
65	24.5	16.9	56.9
66	33.3	30.6	70.6

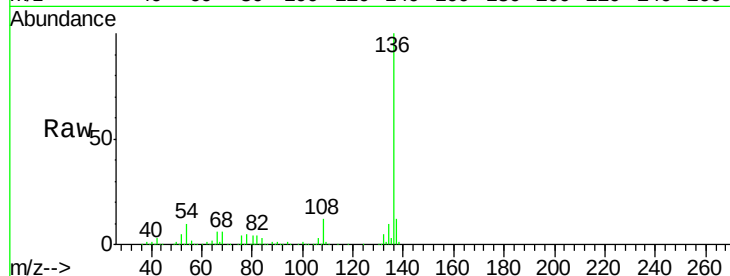




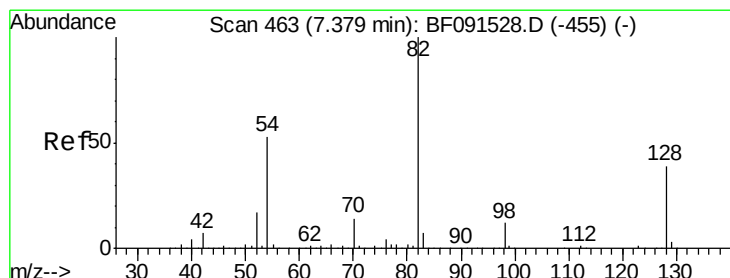
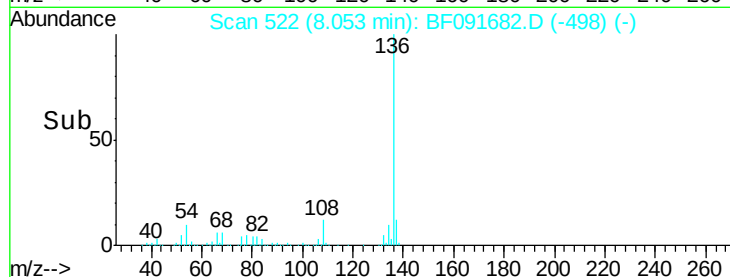
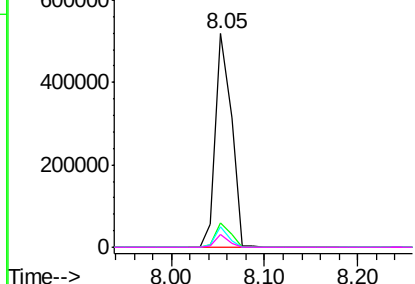
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF091682.D
Acq: 16 Dec 2016 19:37

Instrument :
BNA_F
ClientSampleId :
DUP-C-121316

Tot Ion:136	Resp:	616632
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	9.8	9.1 13.7
68	6.3	5.9 8.9

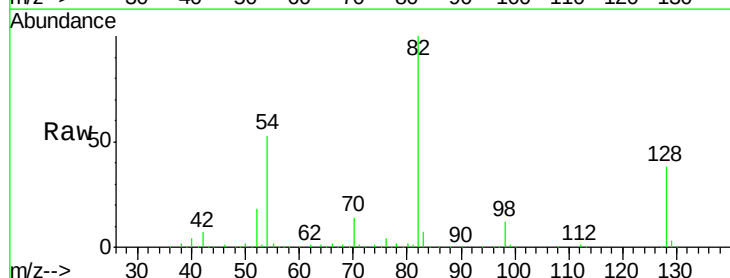


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

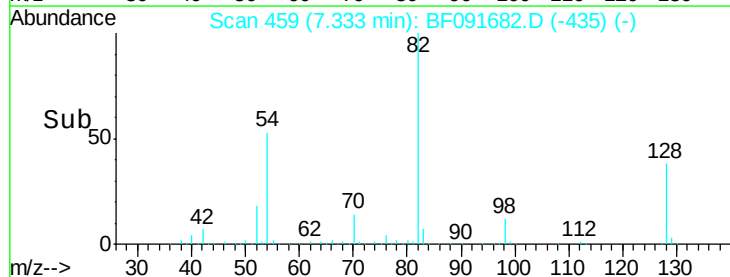
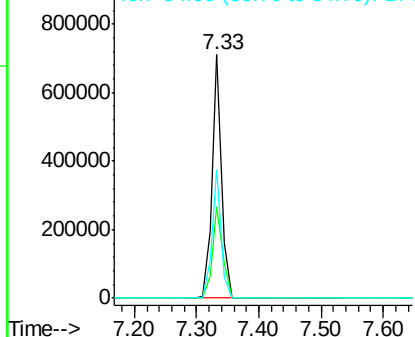


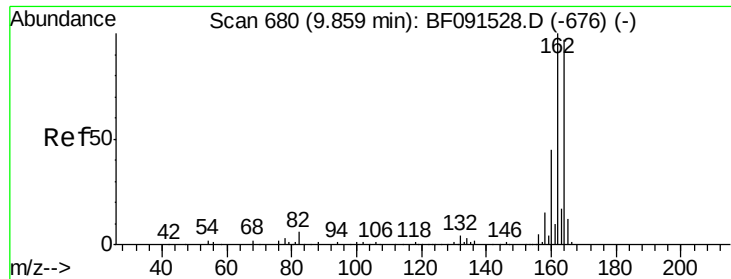
#23
Nitrobenzene-d5
Concen: 67.33 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091682.D
Acq: 16 Dec 2016 19:37

Tgt Ion: 82	Resp:	743927
Ion Ratio	Lower	Upper
82	100	
128	37.5	31.8 47.6
54	52.7	49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

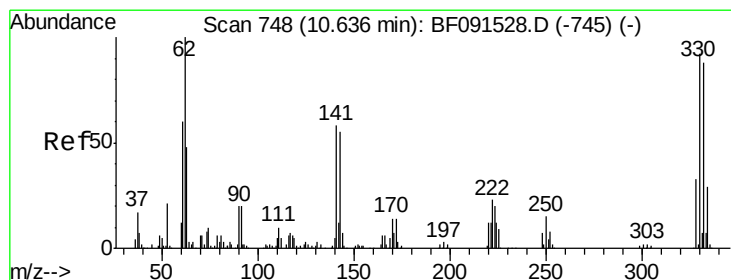
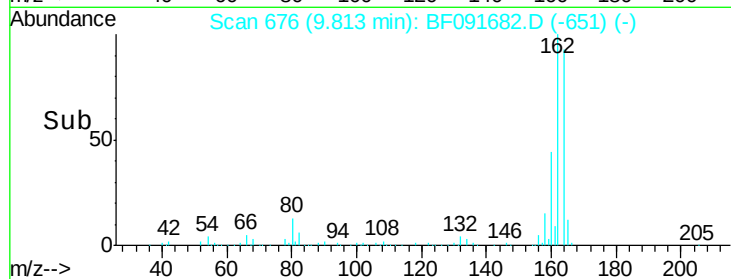
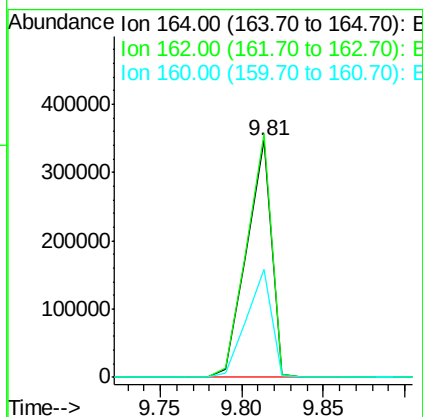
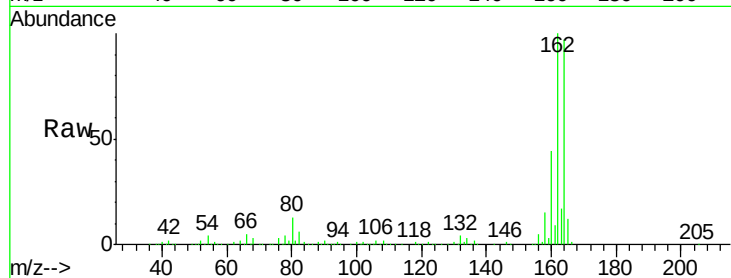




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091682.D
Acq: 16 Dec 2016 19:37

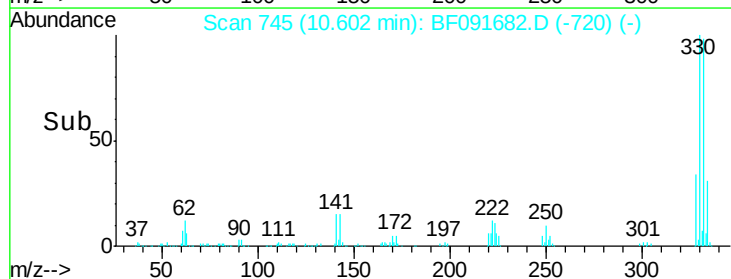
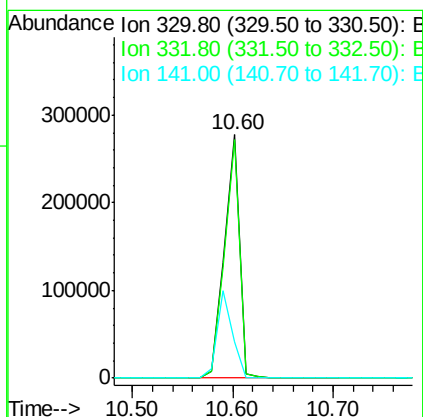
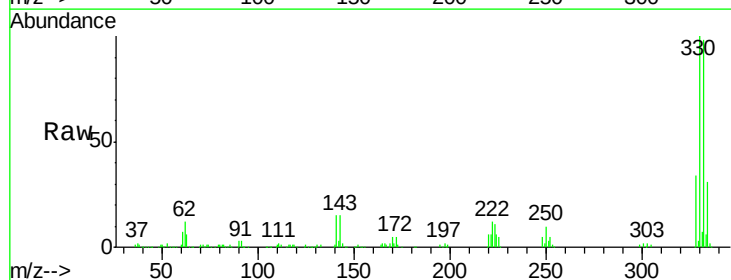
Instrument :
BNA_F
ClientSampleId :
DUP-C-121316

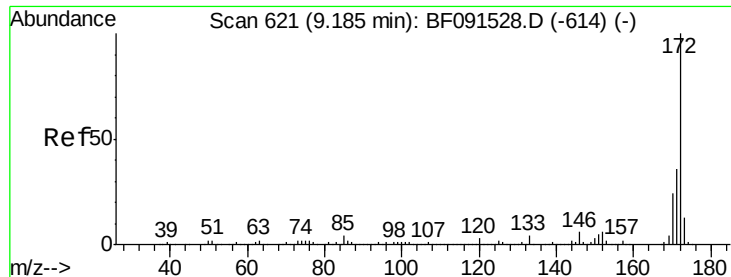
Tot Ion:164 Resp: 367575
Ion Ratio Lower Upper
164 100
162 102.8 82.6 124.0
160 45.6 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 95.83 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091682.D
Acq: 16 Dec 2016 19:37

Tgt Ion:330 Resp: 292569
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 36.2 33.6 50.4

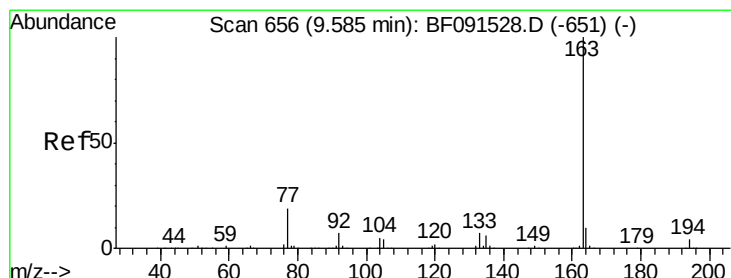
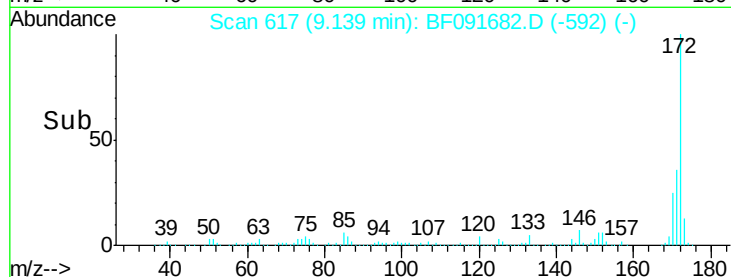
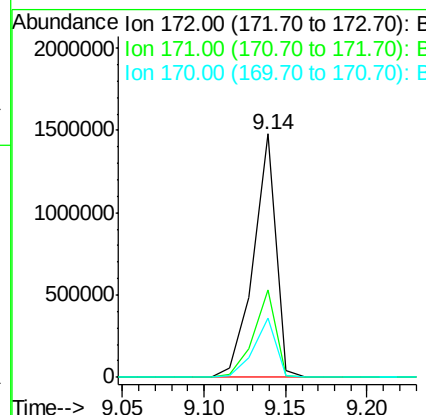
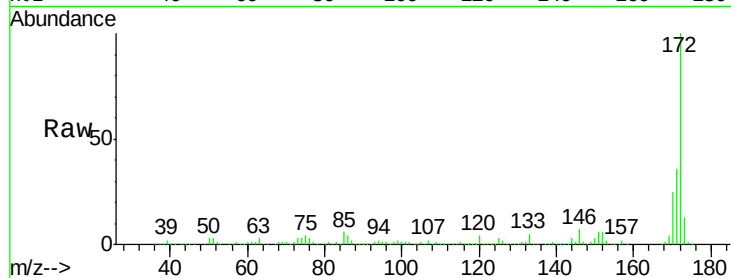




#44
2-Fluorobiphenyl
Concen: 66.62 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091682.D
Acq: 16 Dec 2016 19:37

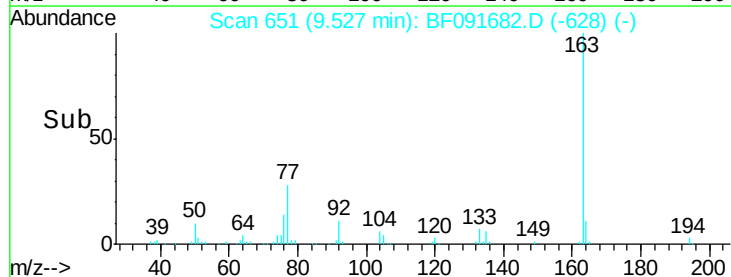
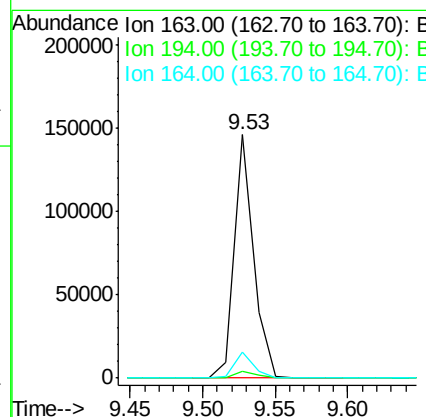
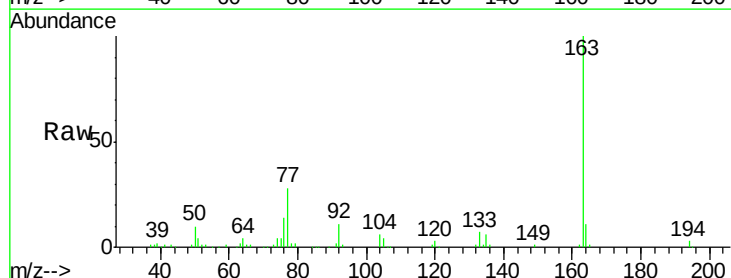
Instrument :
BNA_F
ClientSampleId :
DUP-C-121316

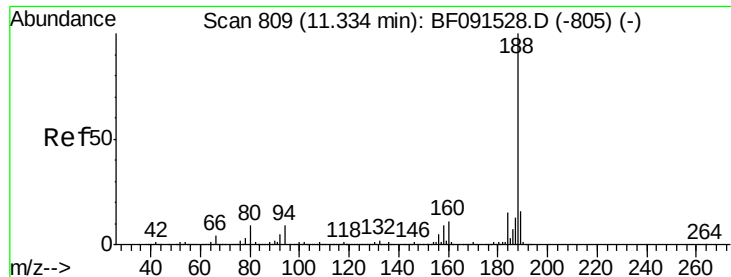
Tot Ion:172 Resp: 1417257
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.6 19.7 29.5



#49
Dimethylphthalate
Concen: 5.80 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF091682.D
Acq: 16 Dec 2016 19:37

Tgt Ion:163 Resp: 134892
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.6 7.8 11.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF091682.D

Acq: 16 Dec 2016 19:37

Instrument :

BNA_F

ClientSampleId :

DUP-C-121316

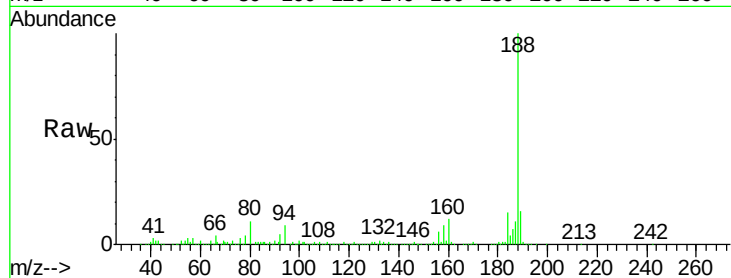
Tot Ion:188 Resp: 555043

Ion Ratio Lower Upper

188 100

94 9.2 9.2 13.8#

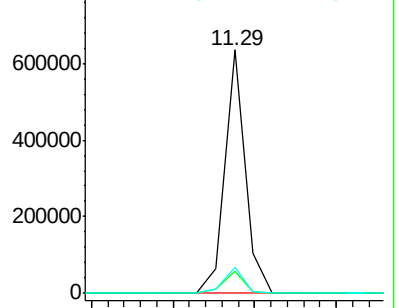
80 10.7 10.5 15.7



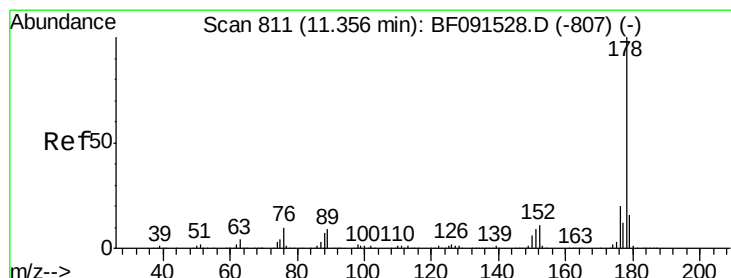
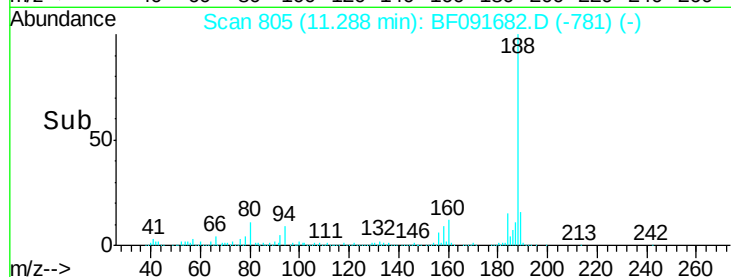
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.20 11.25 11.30 11.35



#70

Phenanthrene

Concen: 2.86 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF091682.D

Acq: 16 Dec 2016 19:37

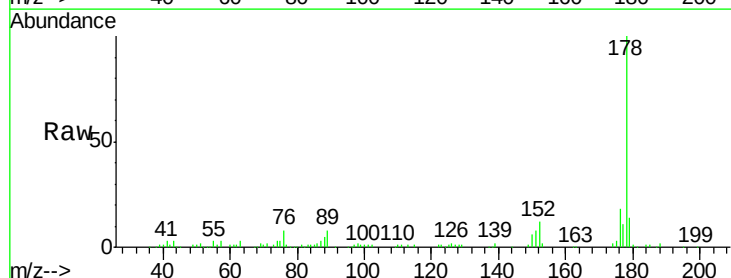
Tgt Ion:178 Resp: 78473

Ion Ratio Lower Upper

178 100

176 17.7 15.9 23.9

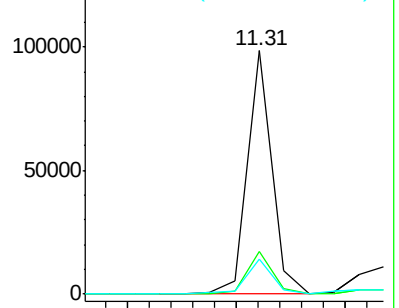
179 14.5 12.6 18.8



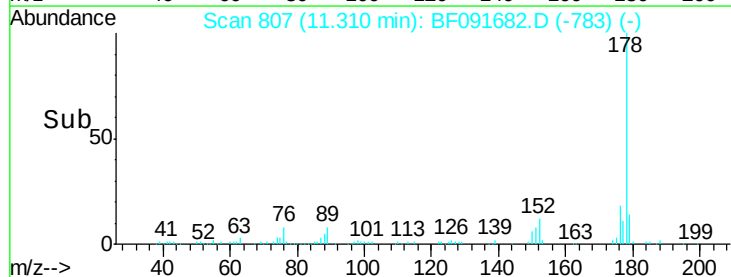
Abundance Ion 178.00 (177.70 to 178.70): E

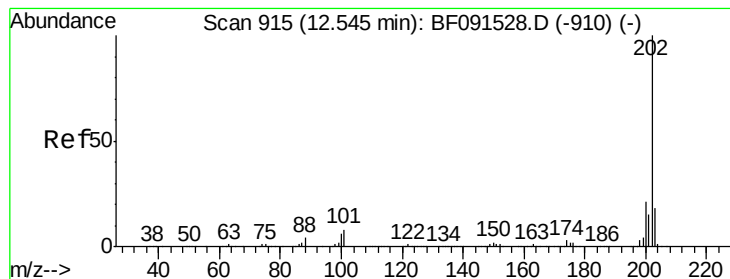
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.25 11.30 11.35

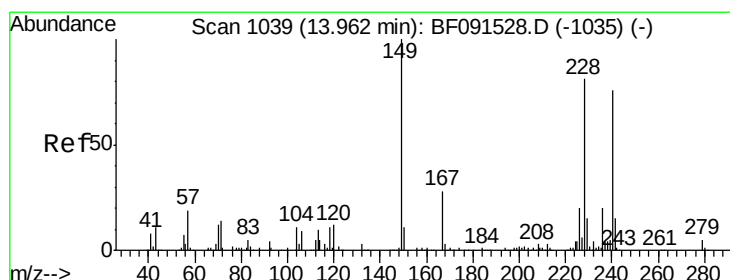
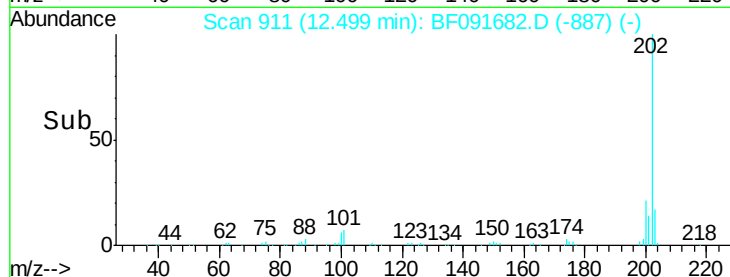
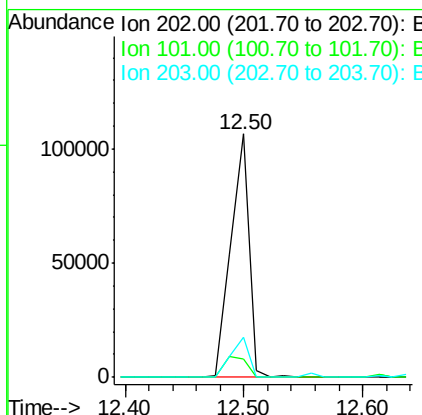
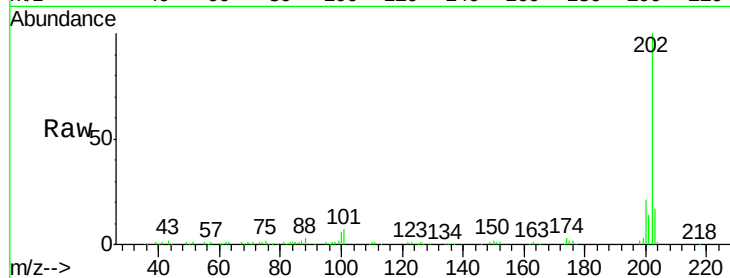




#74
 Fluoranthene
 Concen: 3.96 ng
 RT: 12.50 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BF091682.D
 Acq: 16 Dec 2016 19:37

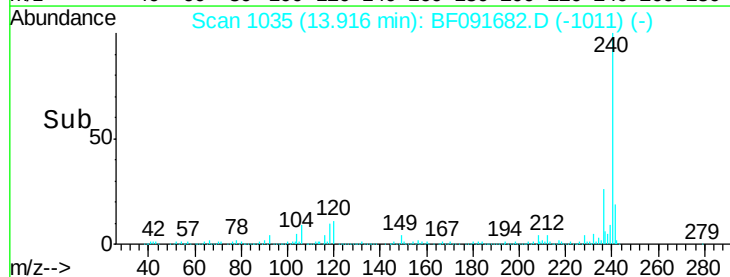
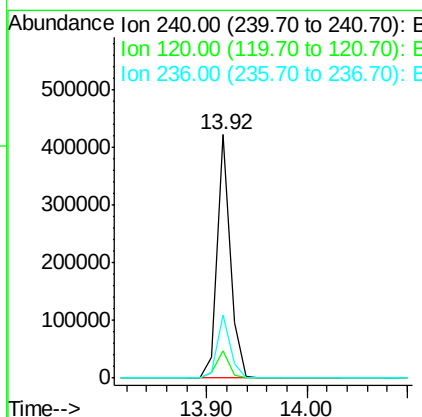
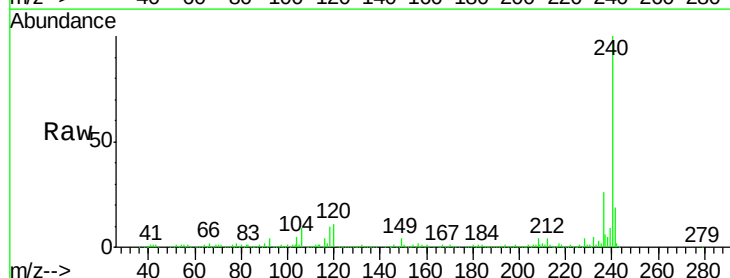
Instrument :
 BNA_F
 ClientSampleId :
 DUP-C-121316

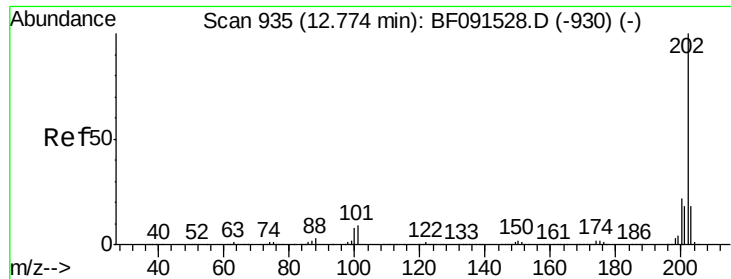
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	29.5
203	16.7	0.0	37.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.02 min
 Lab File: BF091682.D
 Acq: 16 Dec 2016 19:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	12.1	18.1#
236	25.9	21.0	31.6

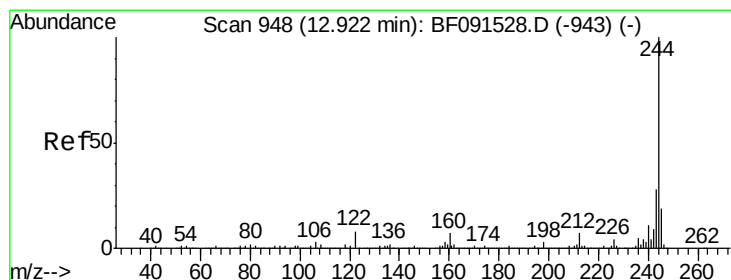
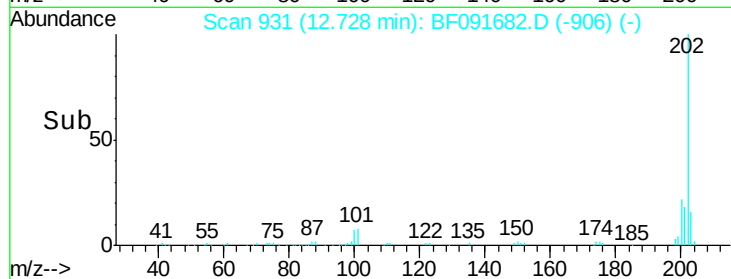
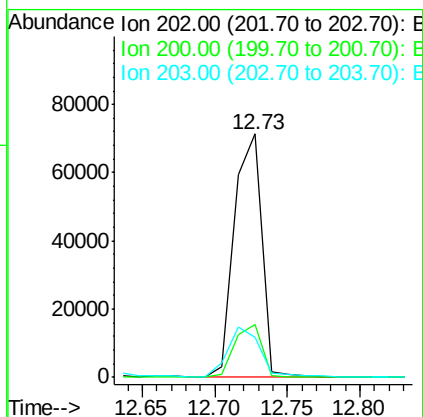
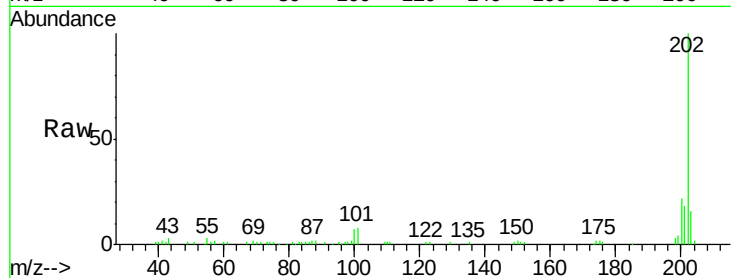




#77
 Pvrene
 Concen: 3.06 ng
 RT: 12.73 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF091682.D
 Acq: 16 Dec 2016 19:37

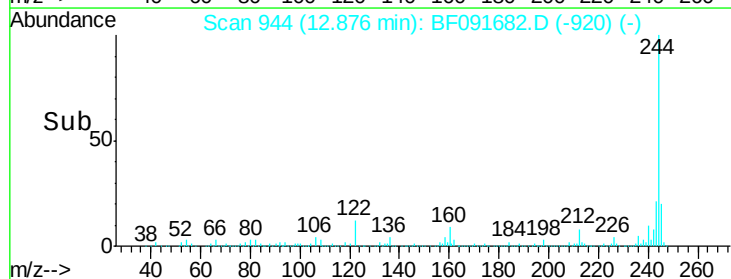
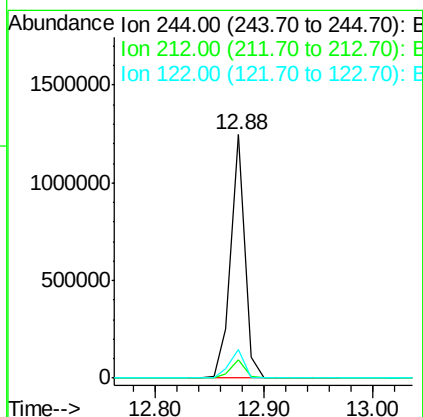
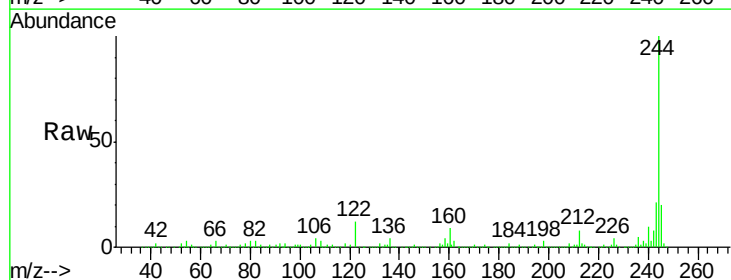
Instrument :
 BNA_F
 ClientSampleId :
 DUP-C-121316

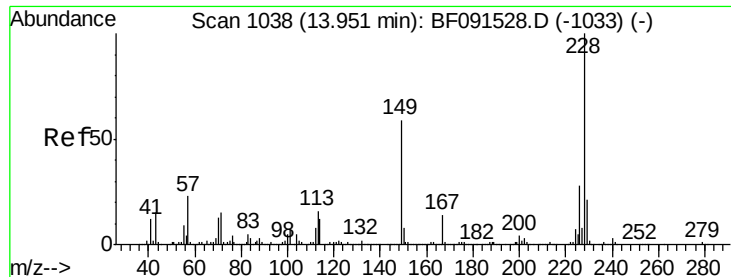
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	16.3	14.0	21.0



#78
 Terphenyl-d14
 Concen: 65.15 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF091682.D
 Acq: 16 Dec 2016 19:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	11.9	9.5	14.3

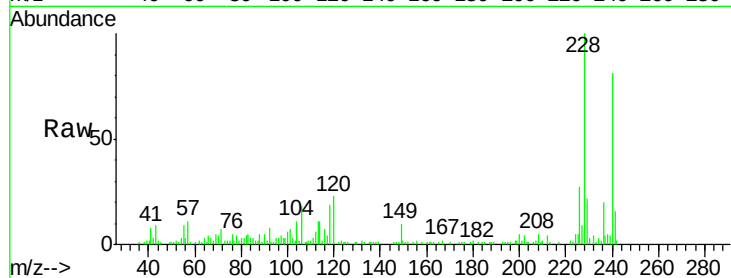




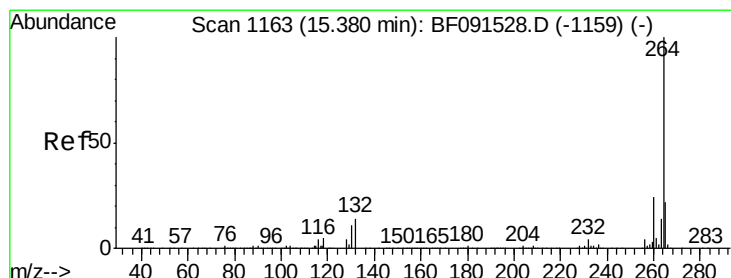
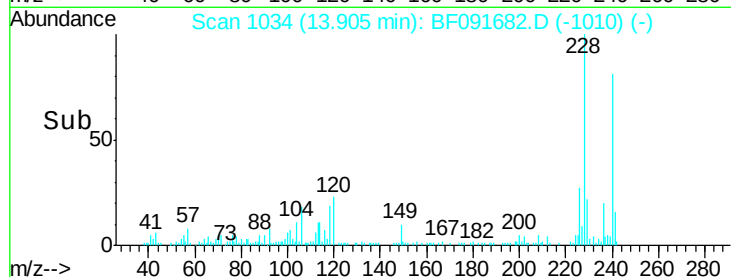
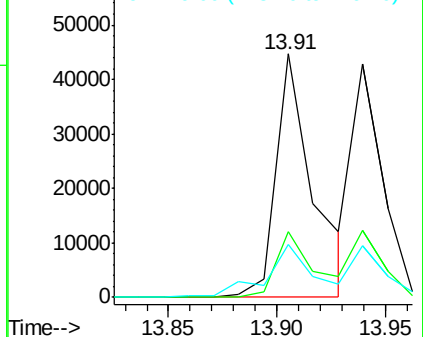
#80
Benzo(a)anthracene
Concen: 2.38 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091682.D
Acq: 16 Dec 2016 19:37

Instrument :
BNA_F
ClientSampleId :
DUP-C-121316

Tot Ion:228 Resp: 53435
Ion Ratio Lower Upper
228 100
226 26.8 22.5 33.7
229 22.0 16.4 24.6

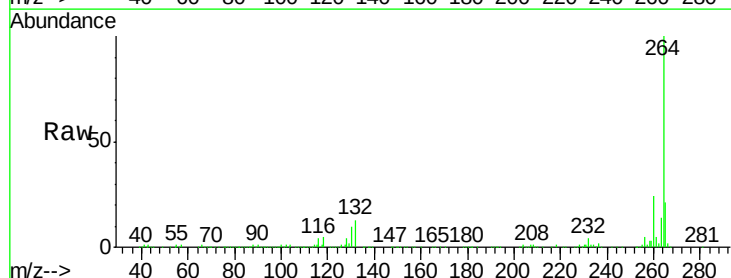


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

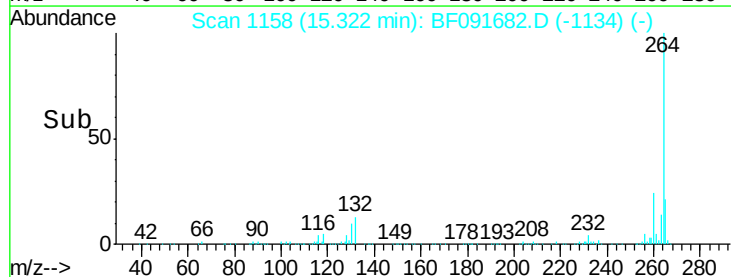
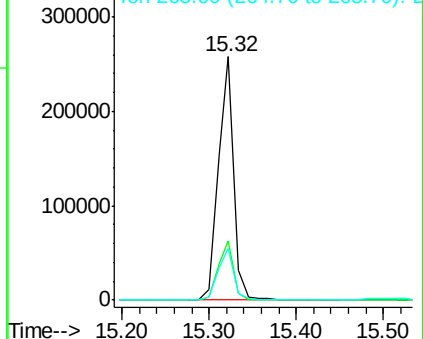


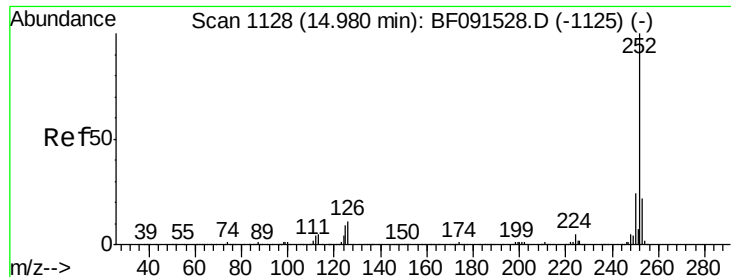
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF091682.D
Acq: 16 Dec 2016 19:37

Tgt Ion:264 Resp: 318291
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.1 17.0 25.6



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

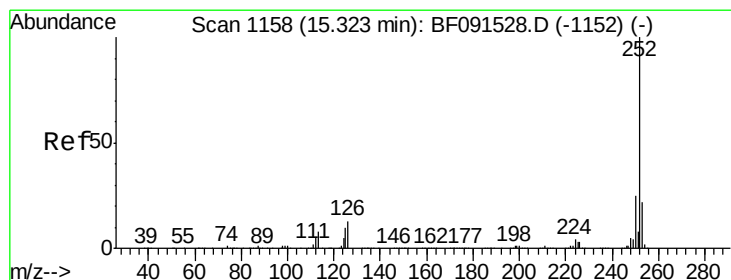
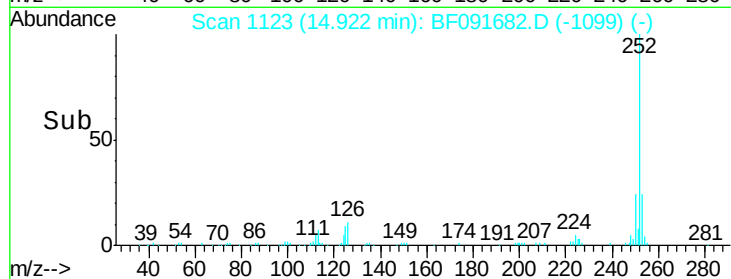
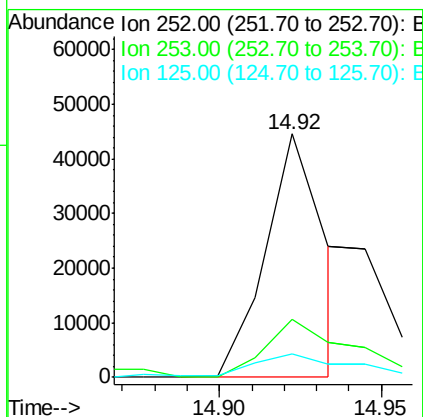
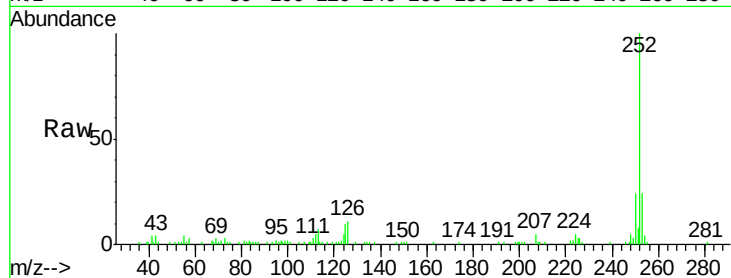




#87
Benzo(b)fluoranthene
Concen: 3.01 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF091682.D
Acq: 16 Dec 2016 19:37

Instrument :
BNA_F
ClientSampleId :
DUP-C-121316

Tot Ion:252 Resp: 57176
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.2
125 9.9 8.6 13.0



#89
Benzo(a)pyrene
Concen: 2.52 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.03 min
Lab File: BF091682.D
Acq: 16 Dec 2016 19:37

Tgt Ion:252 Resp: 43157
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 11.5 10.4 15.6

