

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
 Data File : BF091128.D
 Acq On : 9 Nov 2016 17:07
 Operator : UM/SJ
 Sample : H5584-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716

Quant Time: Nov 09 23:00:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

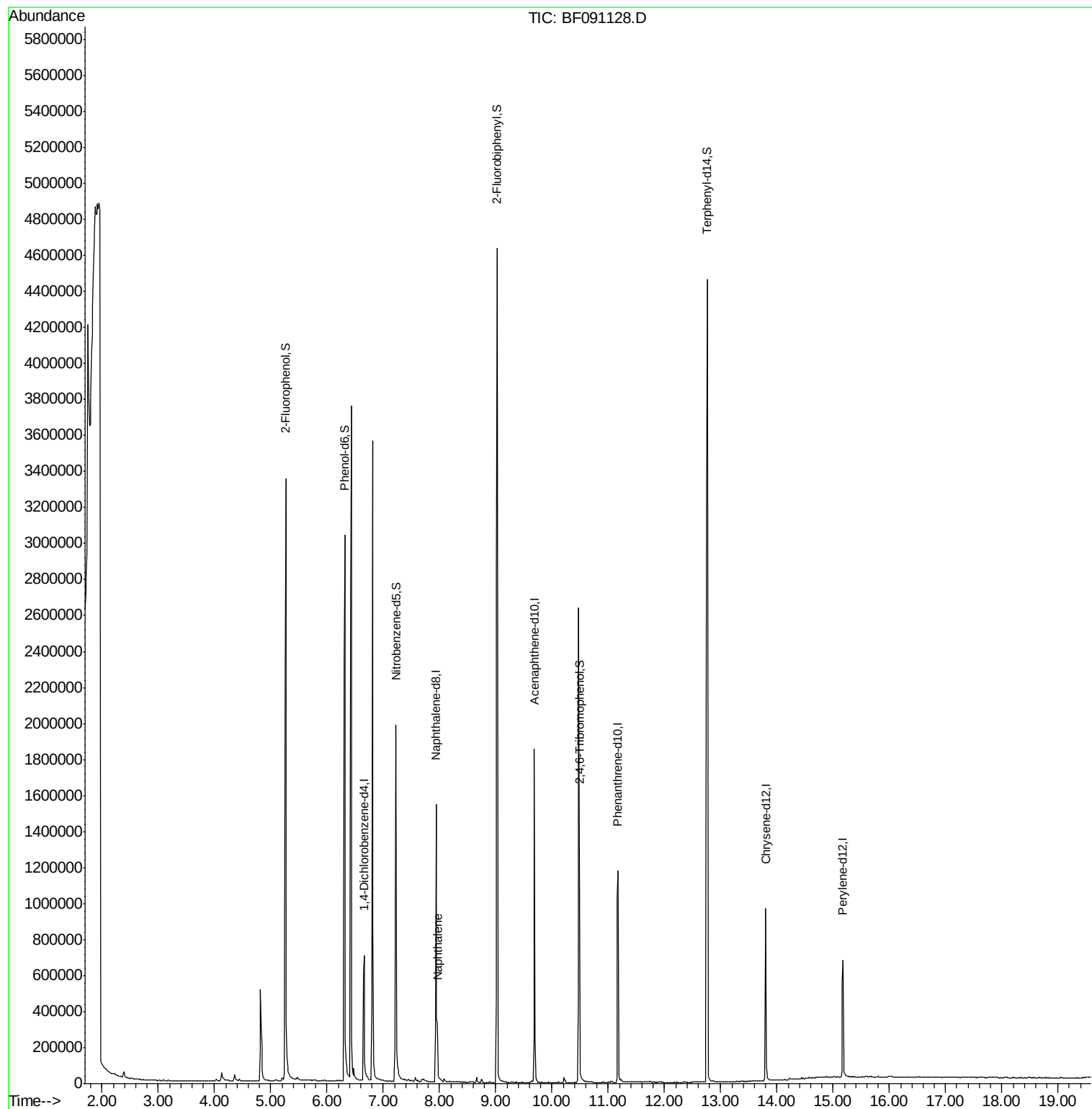
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166167	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	729349	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	367920	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	628411	20.00	ng	0.00
75) Chrysene-d12	13.80	240	479012	20.00	ng	-0.01
86) Perylene-d12	15.17	264	328013	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1264280	125.66	ng	0.02
7) Phenol-d6	6.32	99	1598236	117.03	ng	0.00
23) Nitrobenzene-d5	7.23	82	1135235	84.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	442969	133.17	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1874043	87.69	ng	-0.01
78) Terphenyl-d14	12.76	244	1953158	101.75	ng	0.00
Target Compounds						
31) Naphthalene	7.96	128	143817	4.12	ng	Qvalue 98

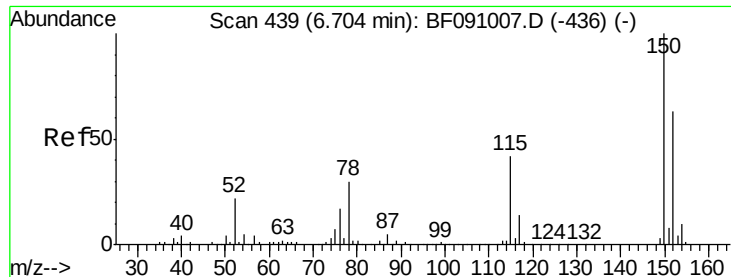
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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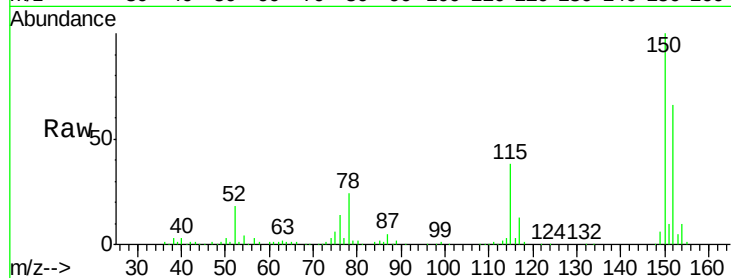


#1

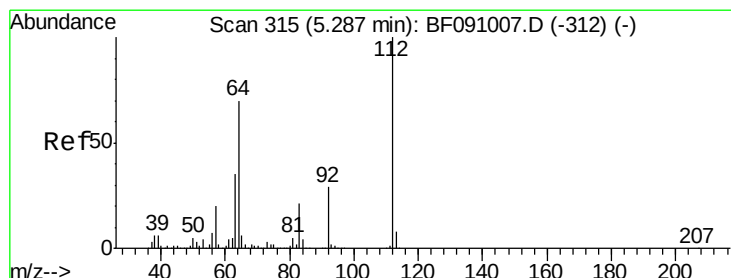
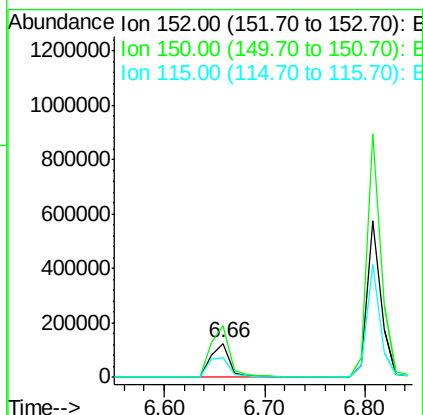
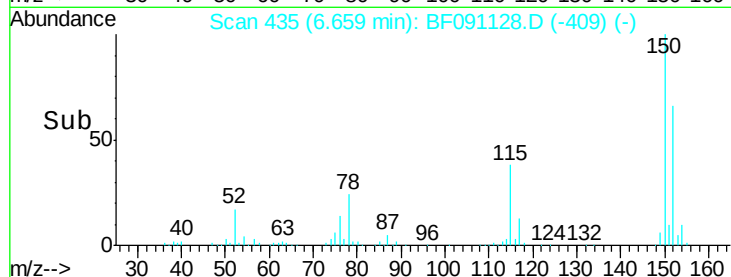
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091128.D
Acq: 9 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716

Tot Ion:152 Resp: 166167
Ion Ratio Lower Upper
152 100
150 151.5 126.8 190.2
115 56.9 53.3 79.9



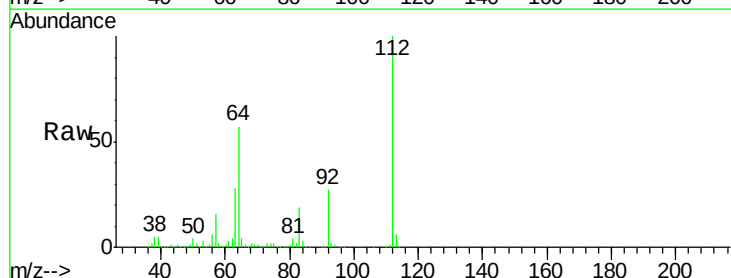
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



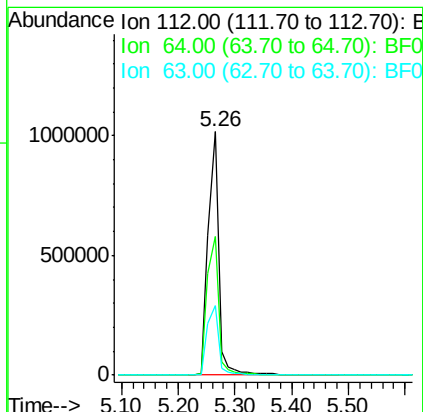
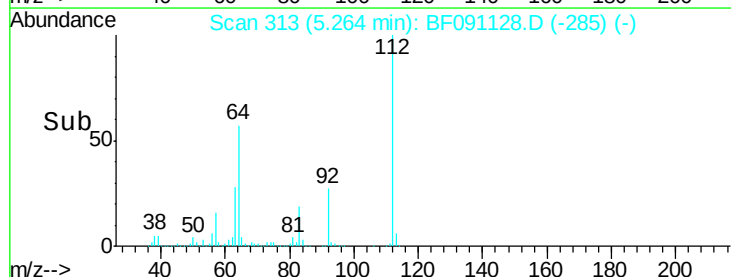
#5

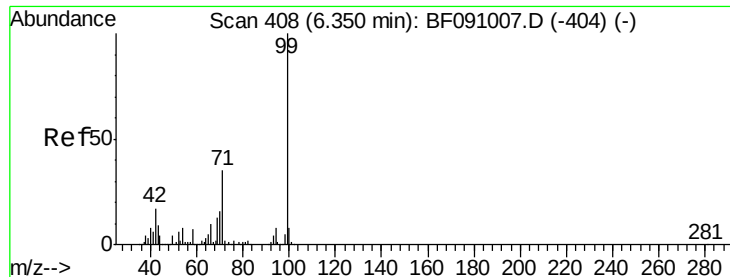
2-Fluorophenol
Concen: 125.66 ng
RT: 5.26 min Scan# 313
Delta R.T. 0.02 min
Lab File: BF091128.D
Acq: 9 Nov 2016 17:07

Tgt Ion:112 Resp: 1264280
Ion Ratio Lower Upper
112 100
64 56.7 55.8 83.6
63 28.5 28.0 42.0



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: 117.03 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091128.D

Acq: 9 Nov 2016 17:07

Instrument :

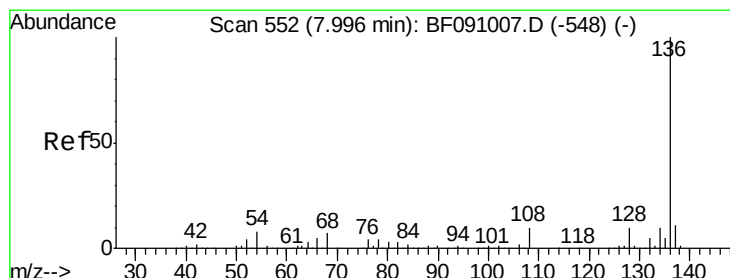
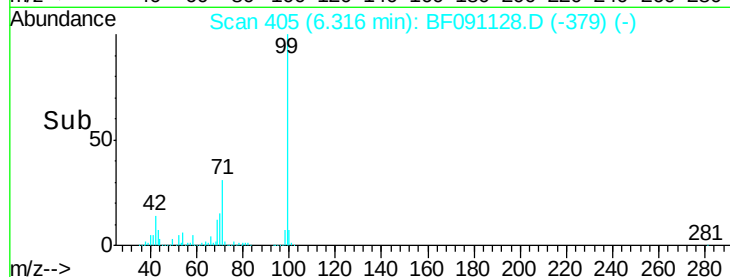
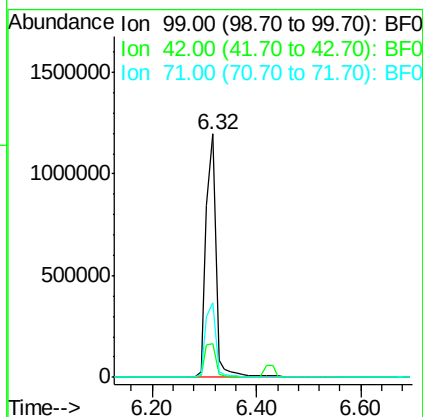
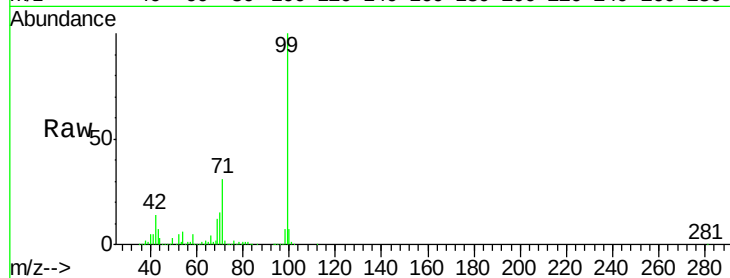
BNA_F

ClientSampleId :

HSR-WC-74-110716

Tot Ion: 99 Resp: 1598236

Ion	Ratio	Lower	Upper
99	100		
42	13.6	13.9	20.9#
71	30.8	27.8	41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 547

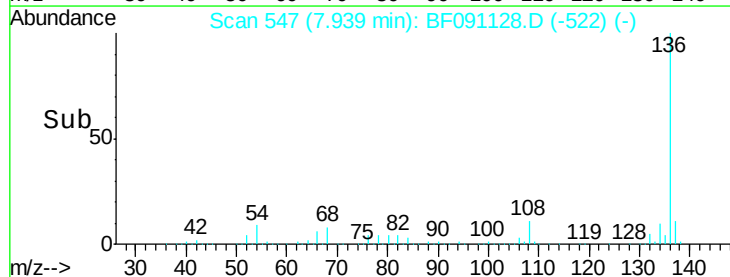
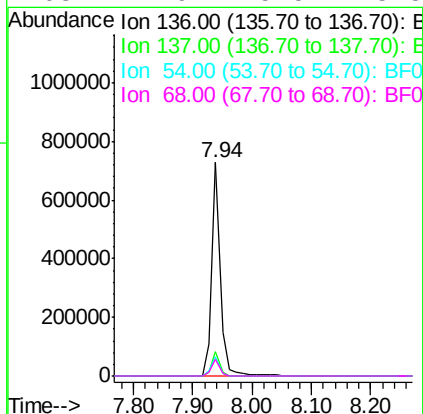
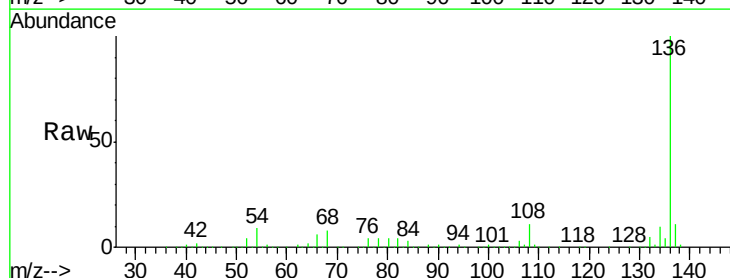
Delta R.T. -0.01 min

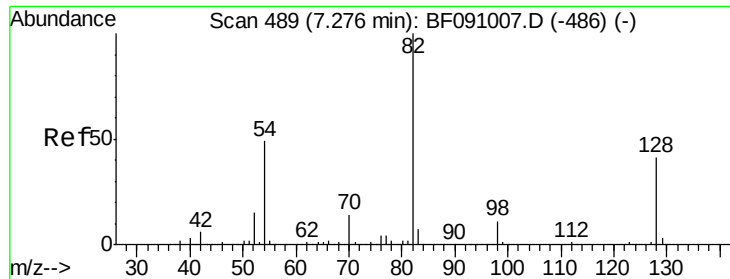
Lab File: BF091128.D

Acq: 9 Nov 2016 17:07

Tgt Ion: 136 Resp: 729349

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.0	6.2	9.2
68	7.9	5.5	8.3

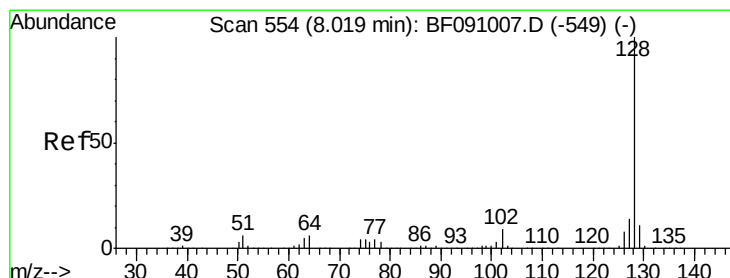
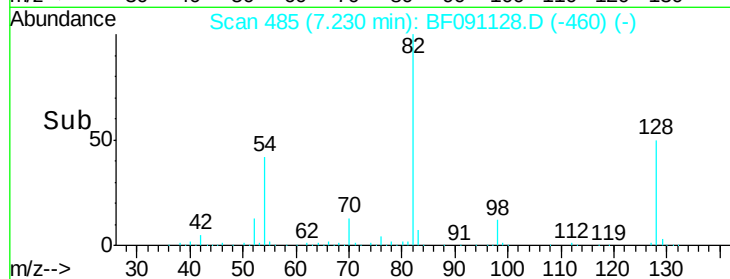
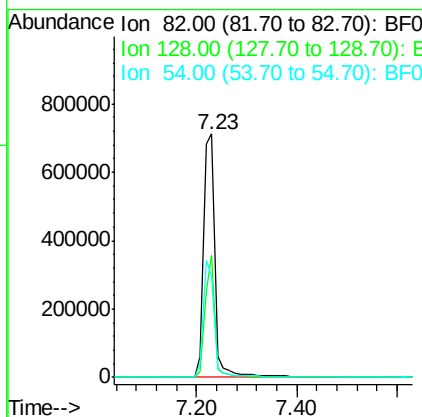
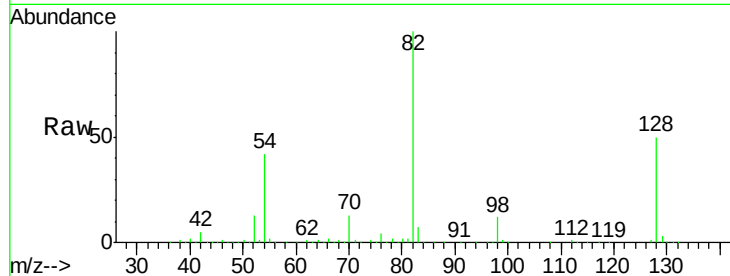




#23
 Nitrobenzene-d5
 Concen: 84.91 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091128.D
 Acq: 9 Nov 2016 17:07

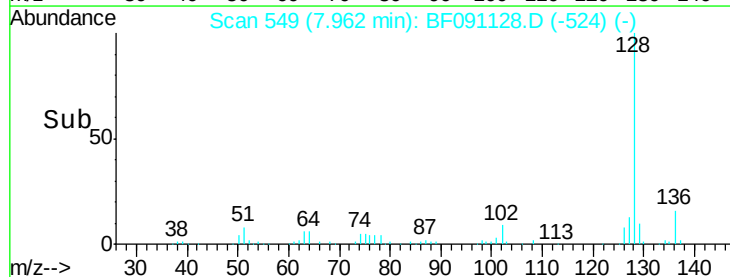
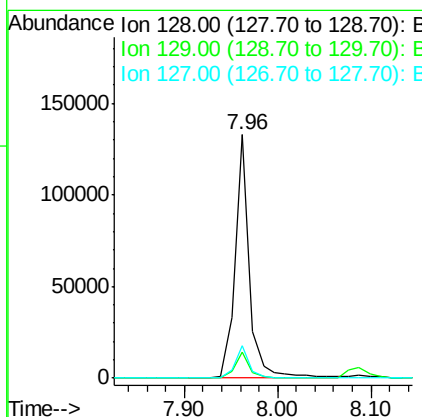
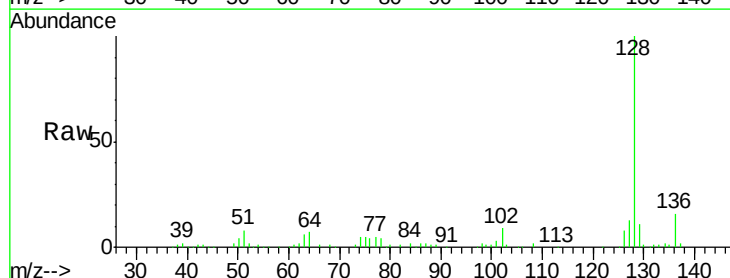
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716

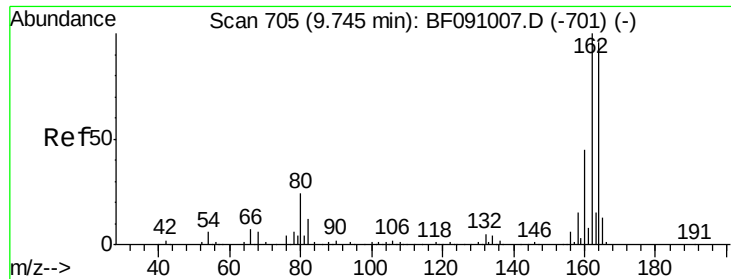
Tot Ion: 82 Resp: 1135235
 Ion Ratio Lower Upper
 82 100
 128 50.3 32.4 48.6#
 54 41.8 39.2 58.8



#31
 Naphthalene
 Concen: 4.12 ng
 RT: 7.96 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF091128.D
 Acq: 9 Nov 2016 17:07

Tgt Ion: 128 Resp: 143817
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.0 13.6
 127 13.1 10.9 16.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF091128.D

Acq: 9 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716

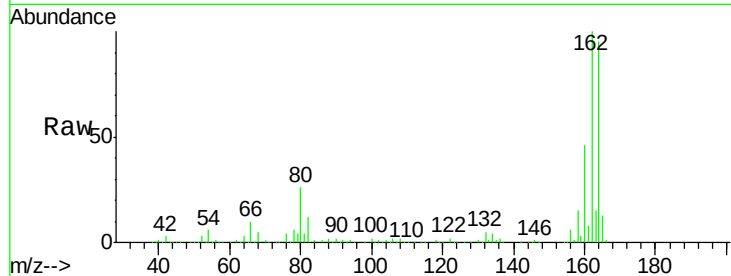
Tot Ion:164 Resp: 367920

Ion Ratio Lower Upper

164 100

162 105.2 83.6 125.4

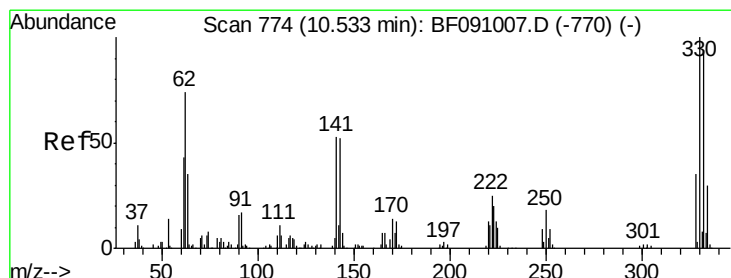
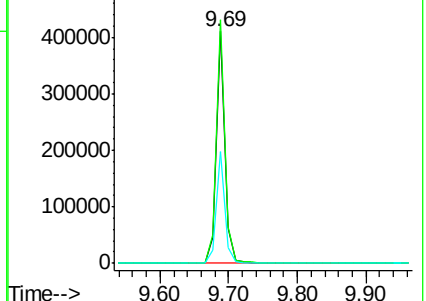
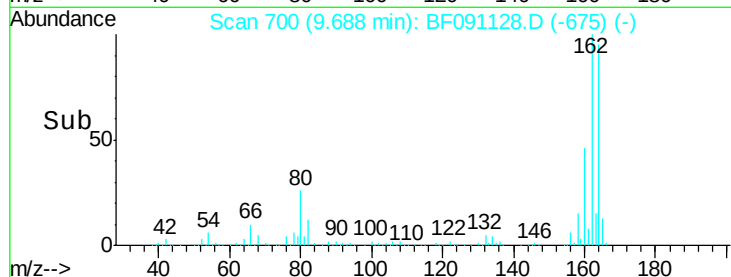
160 48.6 37.9 56.9



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: 133.17 ng

RT: 10.49 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091128.D

Acq: 9 Nov 2016 17:07

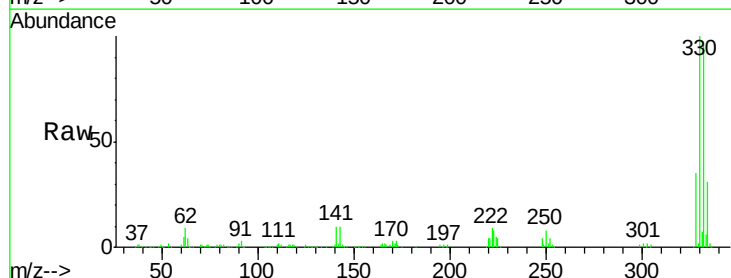
Tgt Ion:330 Resp: 442969

Ion Ratio Lower Upper

330 100

332 96.0 75.9 113.9

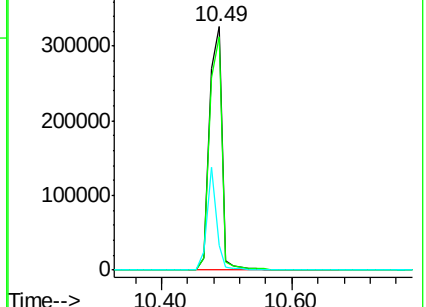
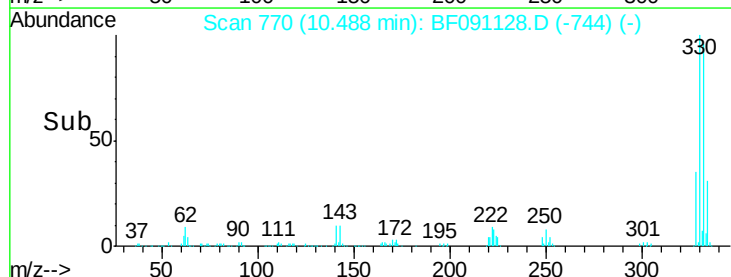
141 32.6 36.1 54.1#

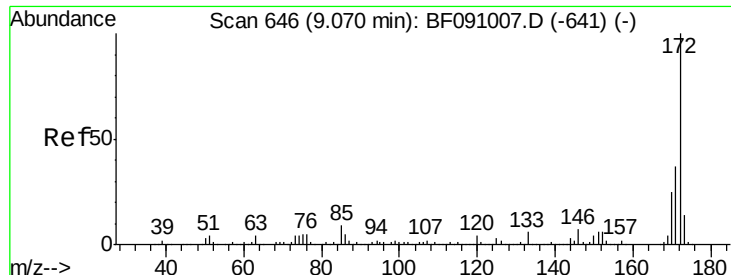


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



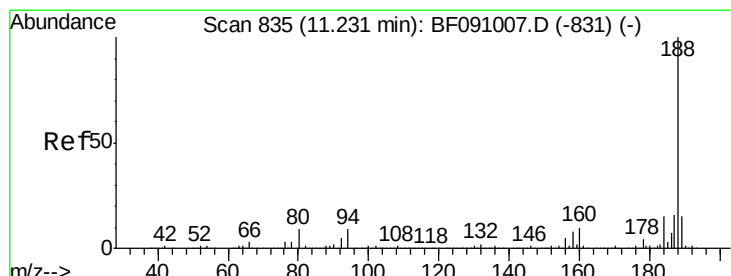
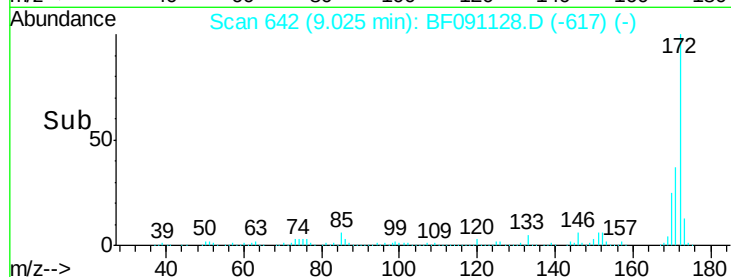
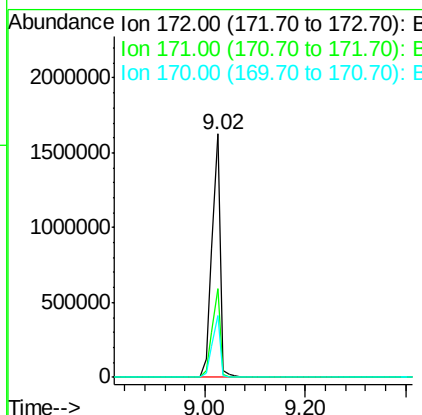
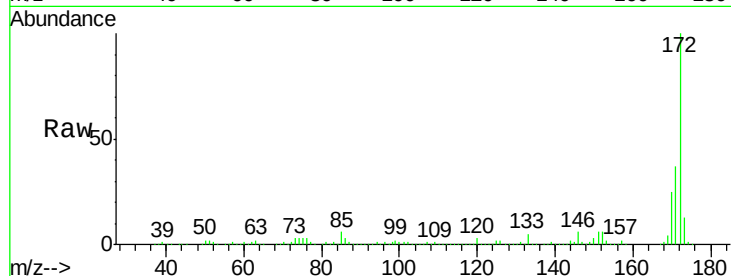


#44
 2-Fluorobiphenyl
 Concen: 87.69 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091128.D
 Acq: 9 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716

Tot Ion:172 Resp: 1874043

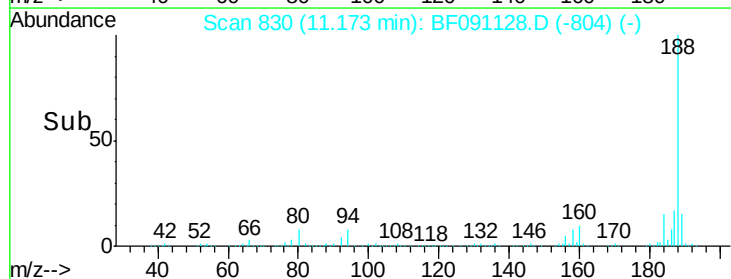
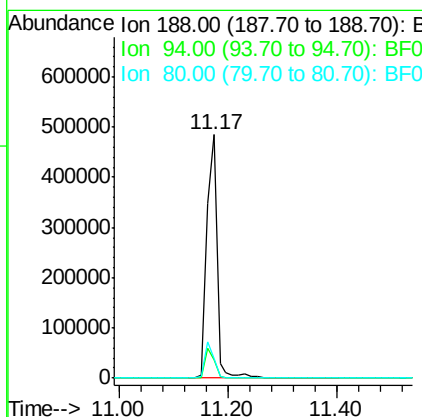
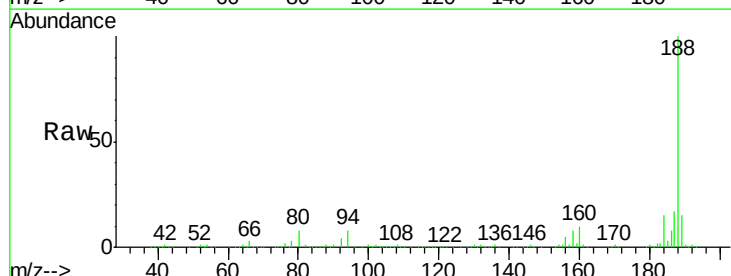
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	25.2	20.3	30.5

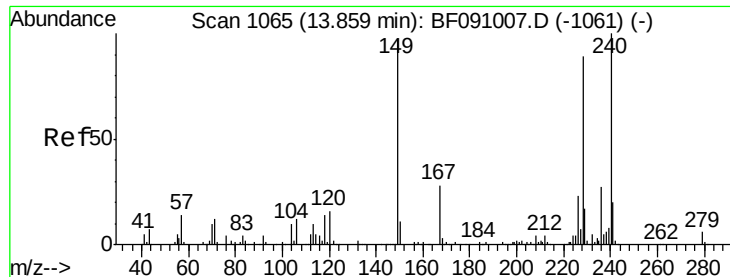


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF091128.D
 Acq: 9 Nov 2016 17:07

Tgt Ion:188 Resp: 628411

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.4
80	8.2	7.5	11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091128.D

Acq: 9 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716

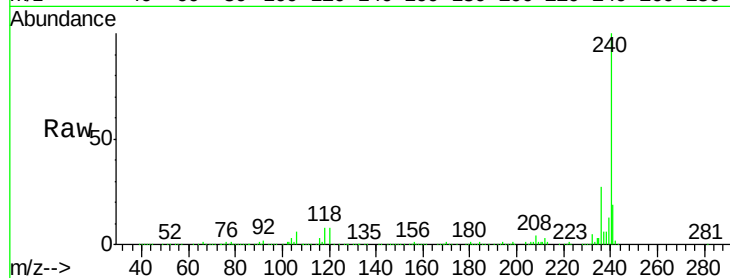
Tot Ion:240 Resp: 479012

Ion Ratio Lower Upper

240 100

120 8.5 12.9 19.3#

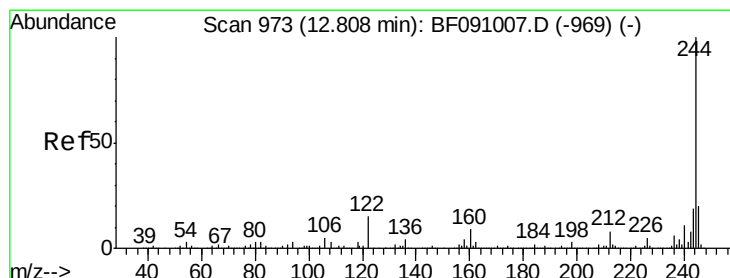
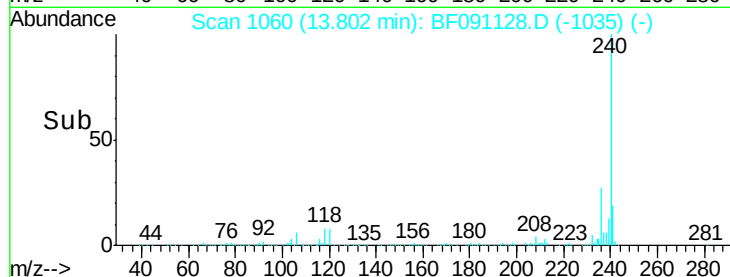
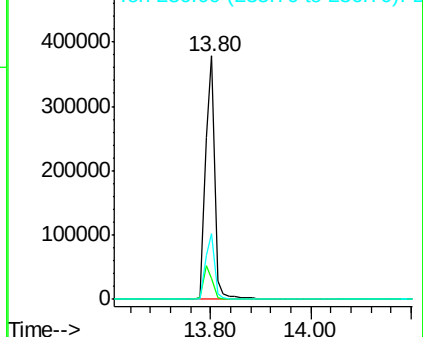
236 26.9 21.9 32.9



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: 101.75 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091128.D

Acq: 9 Nov 2016 17:07

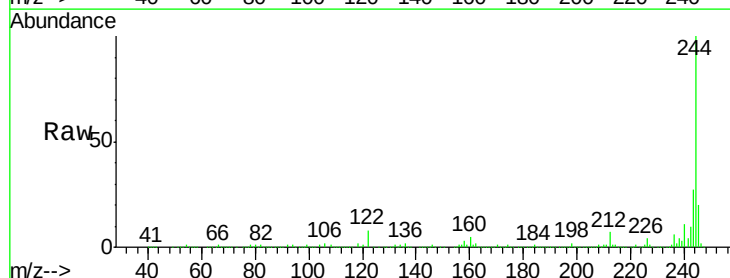
Tgt Ion:244 Resp: 1953158

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

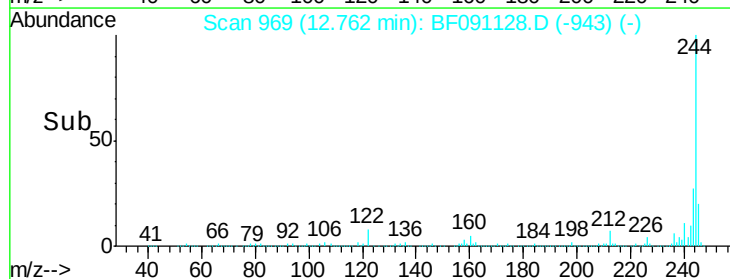
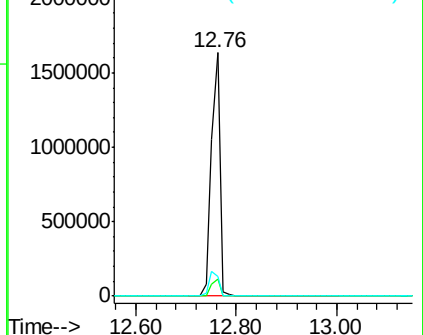
122 7.9 12.3 18.5#

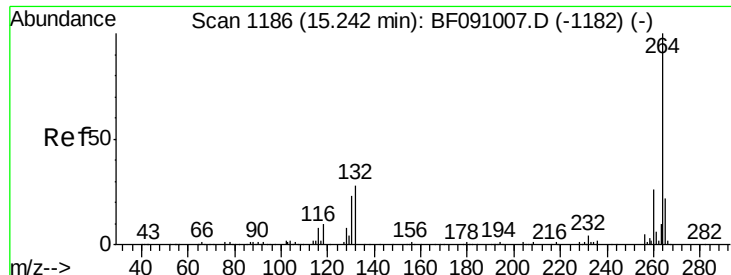


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091128.D
Acq: 9 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716

Tot Ion:	264	Resp:	328013
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	21.4	17.8	26.8

