

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091427.D
 Acq On : 5 Dec 2016 19:32
 Operator : UM/SJ
 Sample : H5838-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Dec 06 00:38:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135355	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	516647	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	336061	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	604941	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	556241	20.00	ng	0.00
86) Perylene-d12	15.42	264	361633	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	531063	64.09	ng	0.00
7) Phenol-d6	6.47	99	367956	36.08	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1003309	108.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	480183	150.93	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1760136	94.83	ng	0.00
78) Terphenyl-d14	12.96	244	2220187	86.75	ng	0.00

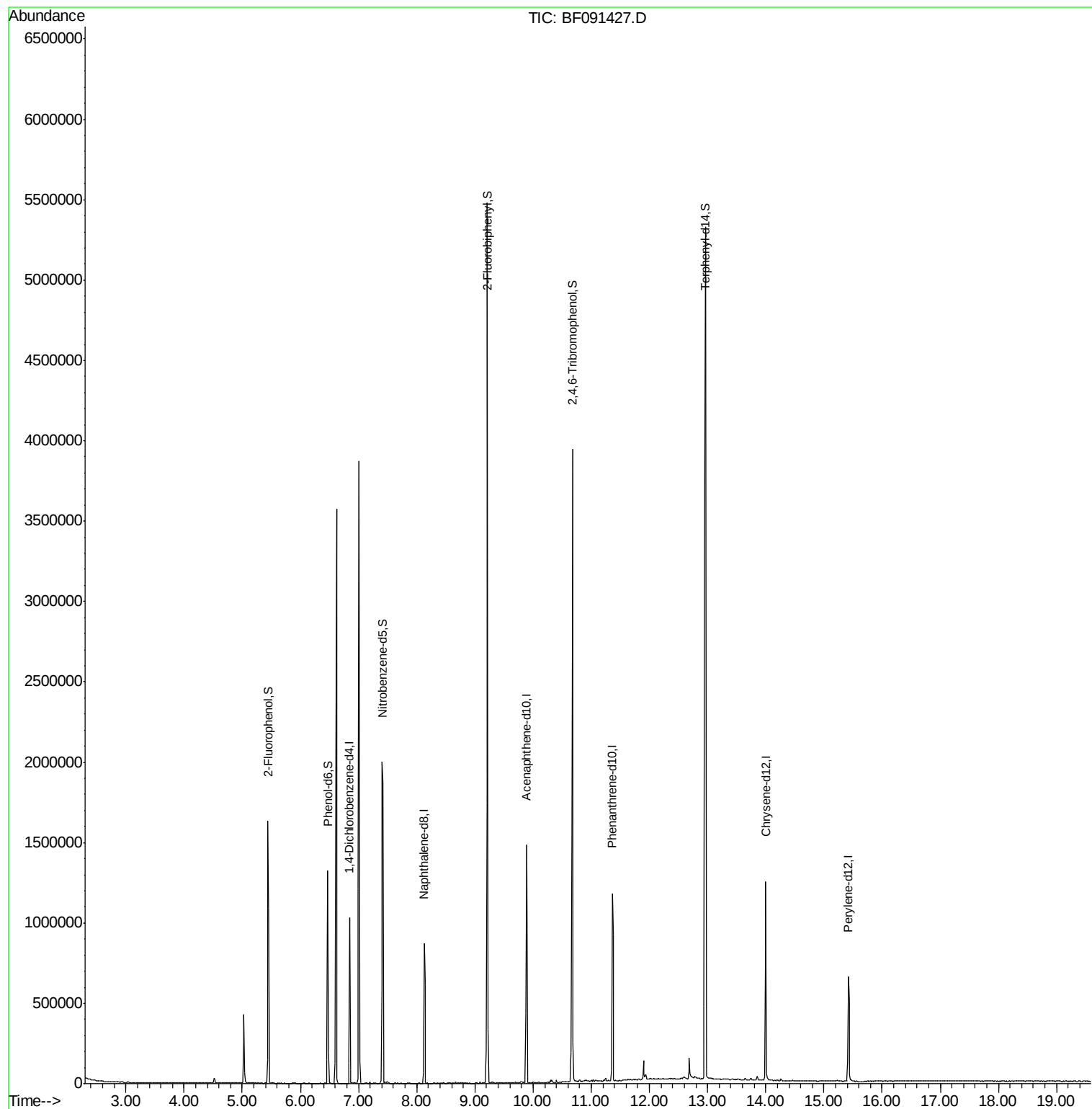
Target Compounds Qvalue

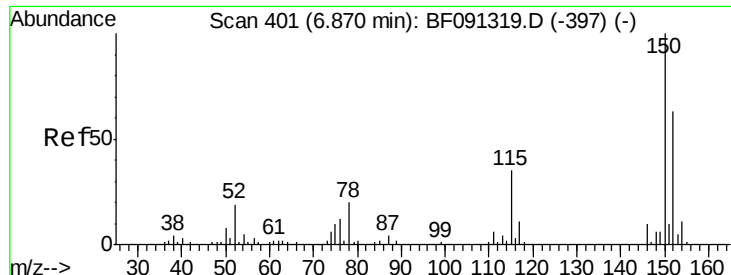
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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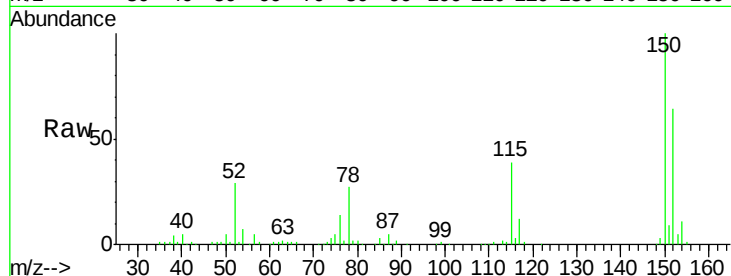




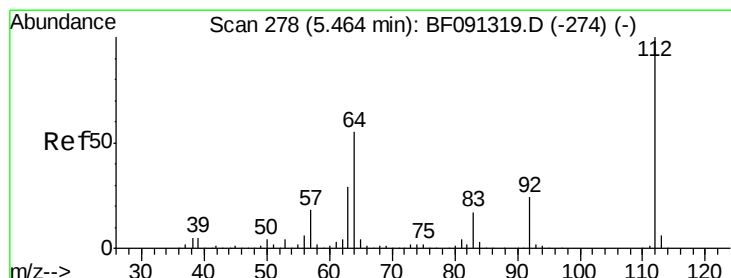
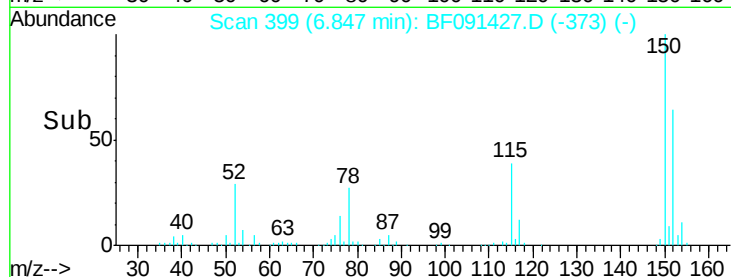
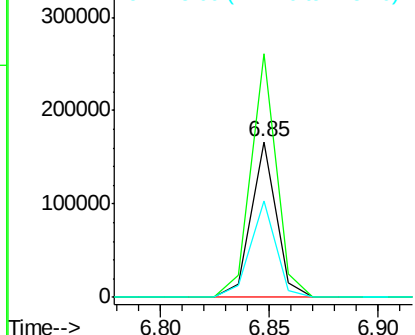
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion:152 Resp: 135355
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.5 183.7
 115 61.6 51.8 77.8

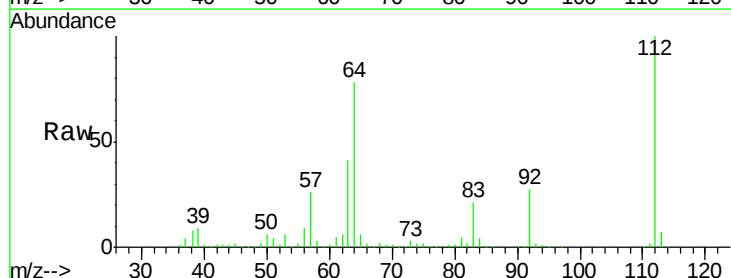


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

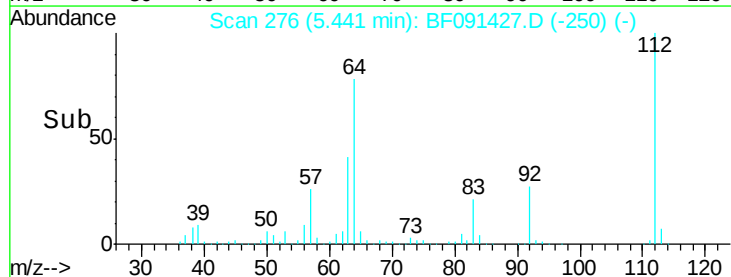
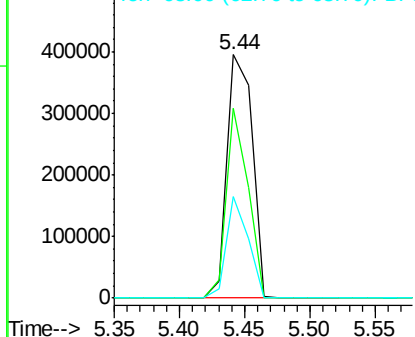


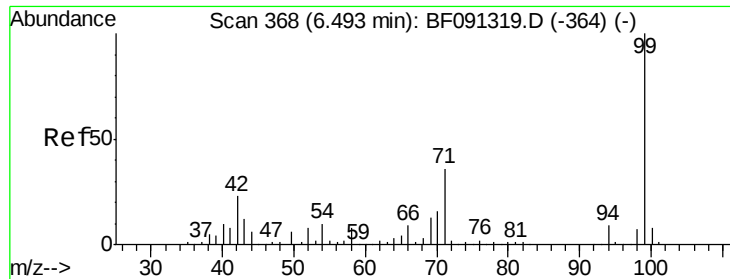
#5
 2-Fluorophenol
 Concen: 64.09 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.00 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Tgt Ion:112 Resp: 531063
 Ion Ratio Lower Upper
 112 100
 64 77.9 61.5 92.3
 63 41.5 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: 36.08 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

Instrument :

BNA_F

ClientSampled :

MW-15

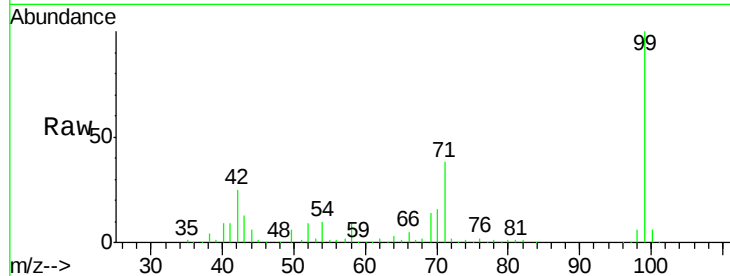
Tot Ion: 99 Resp: 367956

Ion Ratio Lower Upper

99 100

42 24.9 20.6 31.0

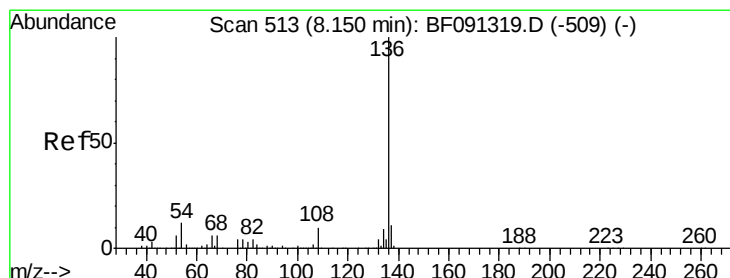
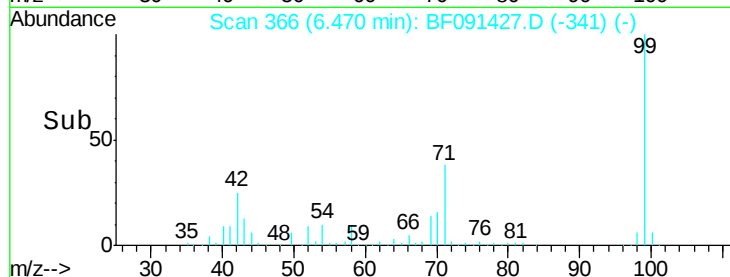
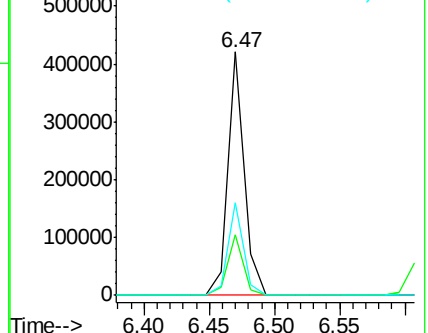
71 38.1 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

Tgt Ion: 136 Resp: 516647

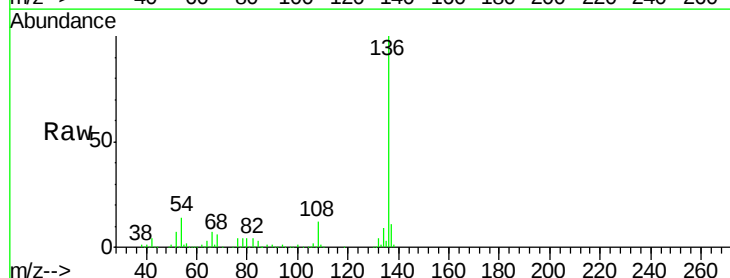
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 14.3 9.1 13.7#

68 5.9 5.9 8.9

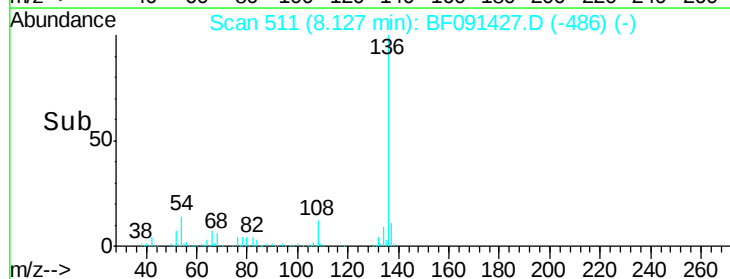
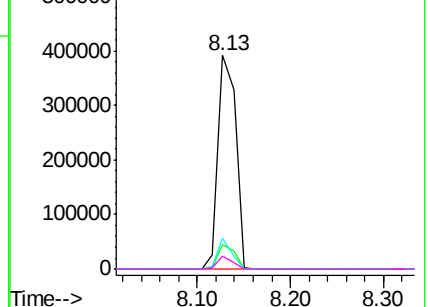


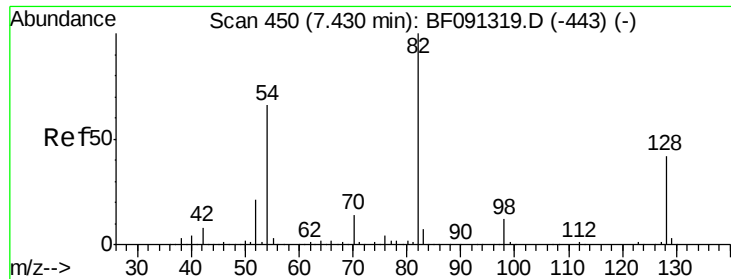
Abundance Ion 136.00 (135.70 to 136.70): E

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



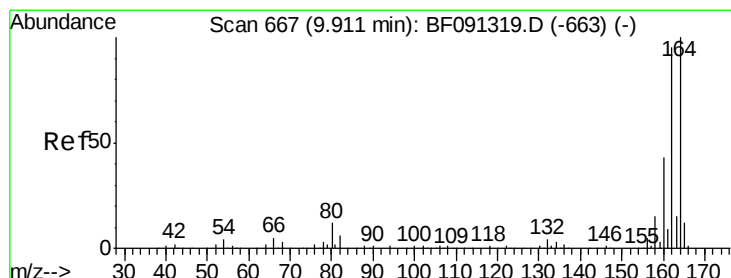
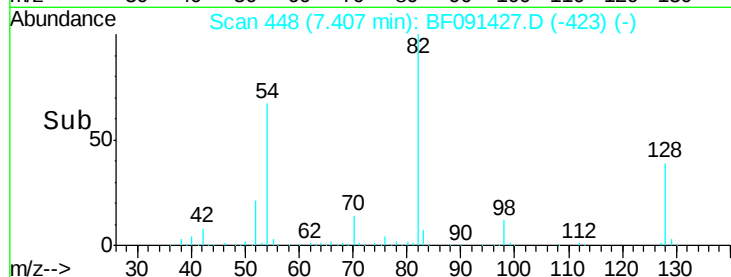
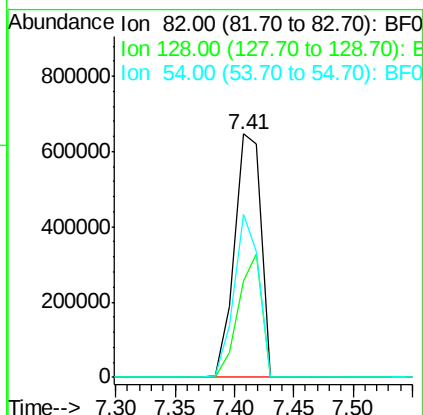
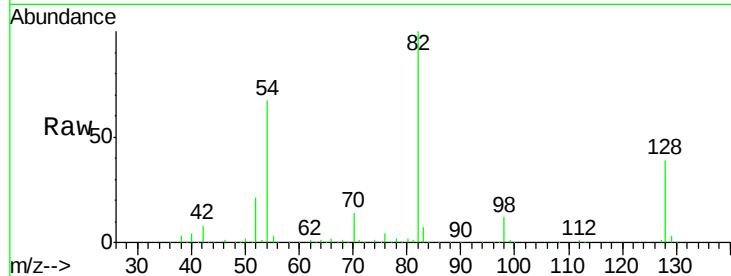


#23
 Nitrobenzene-d5
 Concen: 108.83 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion: 82 Resp: 1003309

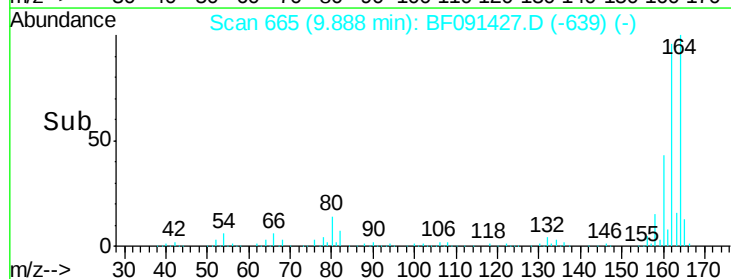
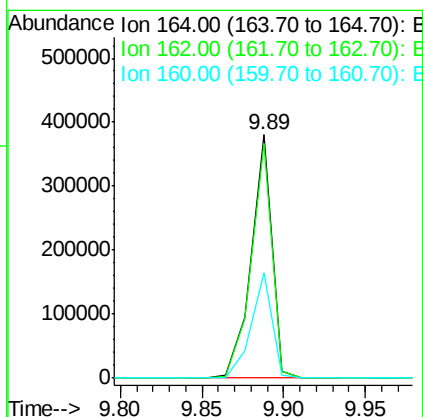
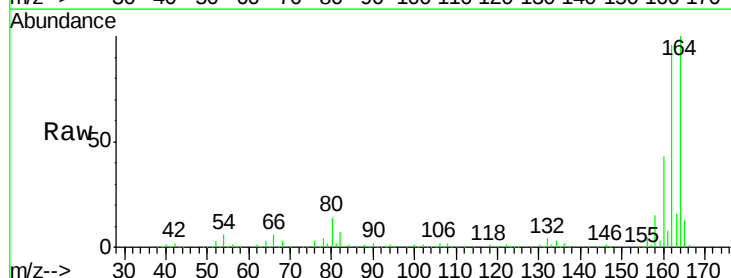
Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.8	47.6
54	67.2	49.1	73.7

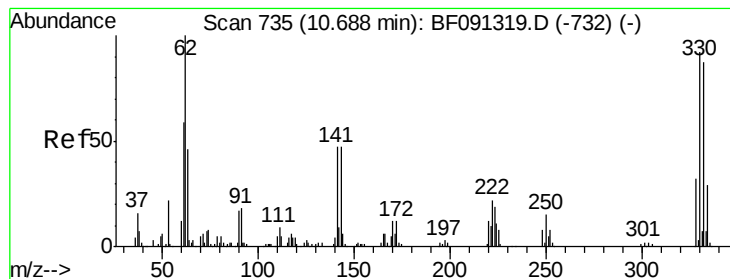


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Tgt Ion: 164 Resp: 336061

Ion	Ratio	Lower	Upper
164	100		
162	96.2	82.6	124.0
160	43.1	36.7	55.1





#41

2,4,6-Tribromophenol

Concen: 150.93 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

Instrument :

BNA_F

ClientSampleId :

MW-15

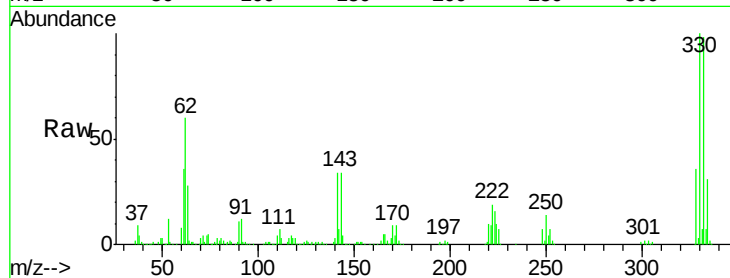
Tot Ion:330 Resp: 480183

Ion Ratio Lower Upper

330 100

332 97.6 76.2 114.4

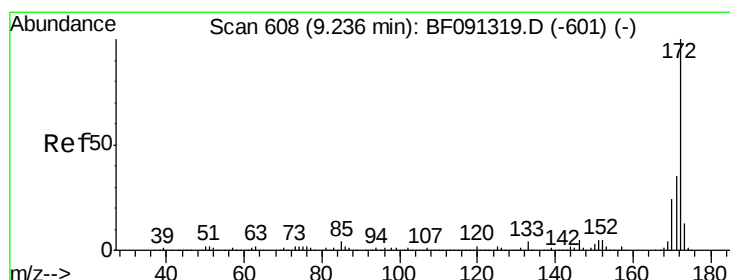
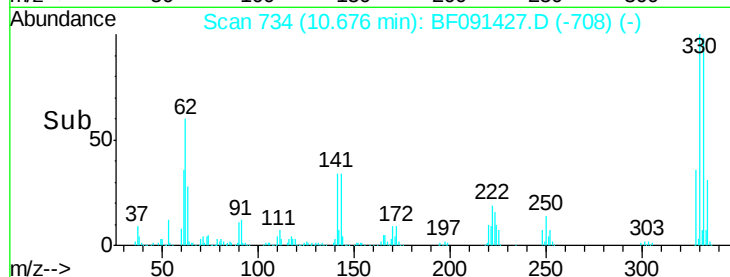
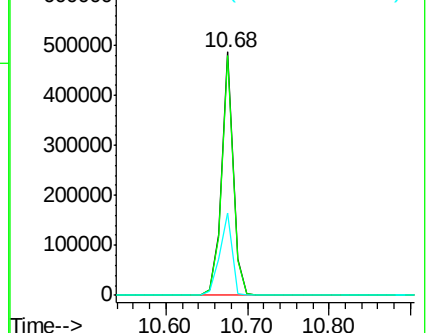
141 35.7 33.6 50.4



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: 94.83 ng

RT: 9.21 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

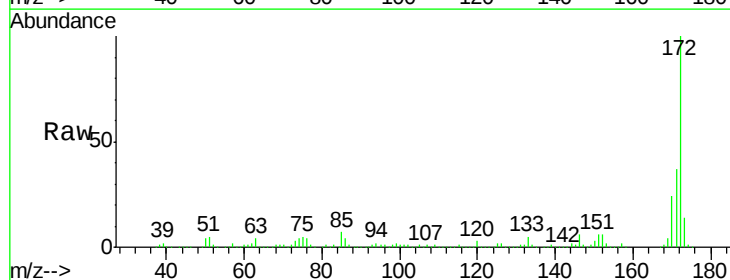
Tgt Ion:172 Resp: 1760136

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

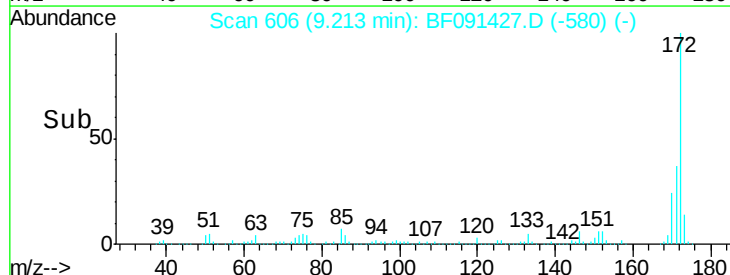
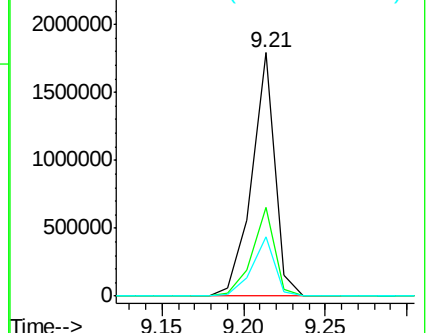
170 24.4 19.7 29.5

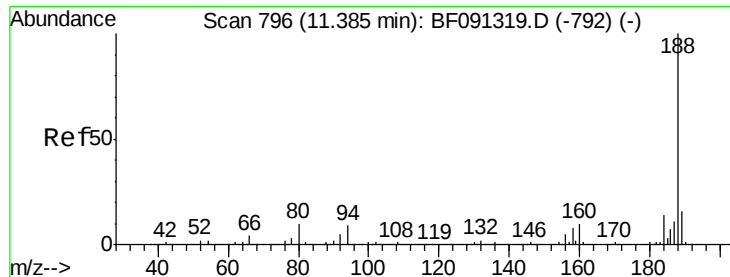


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

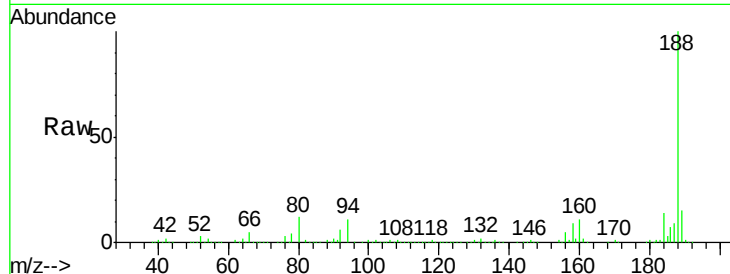




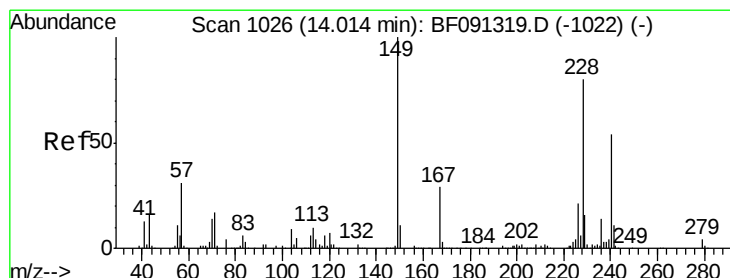
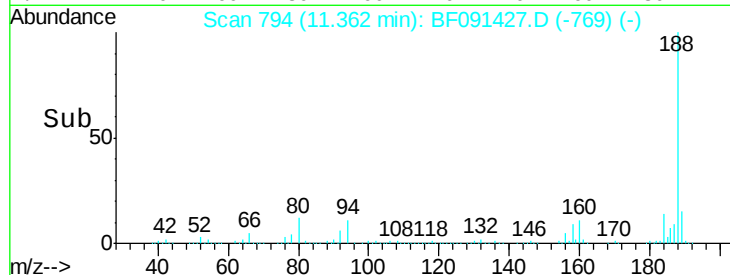
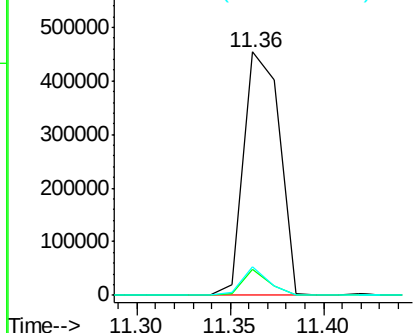
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion:188 Resp: 604941
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.2 13.8
 80 11.8 10.5 15.7

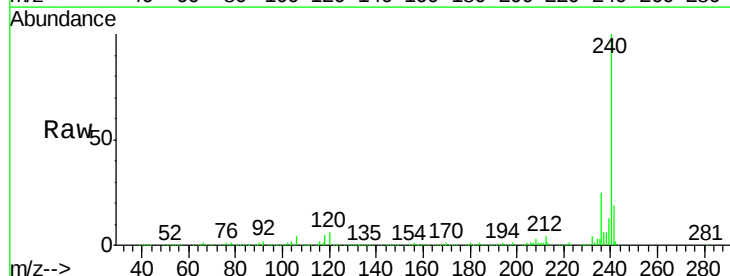


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

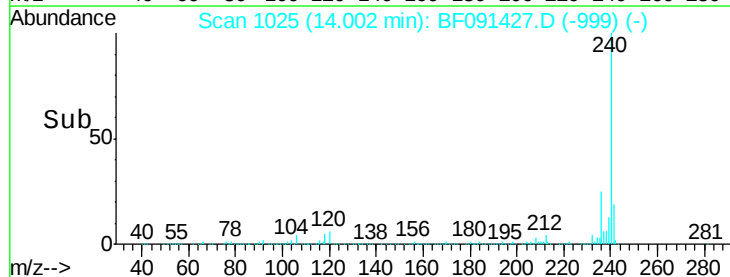
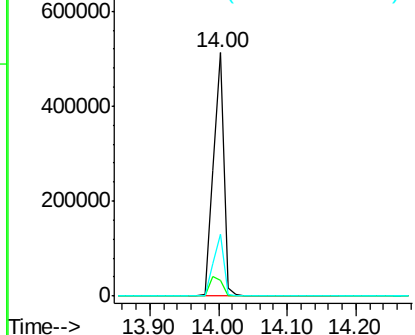


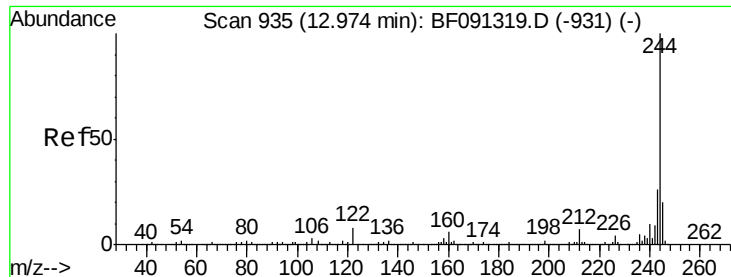
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Tgt Ion:240 Resp: 556241
 Ion Ratio Lower Upper
 240 100
 120 6.3 12.1 18.1#
 236 25.4 21.0 31.6



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

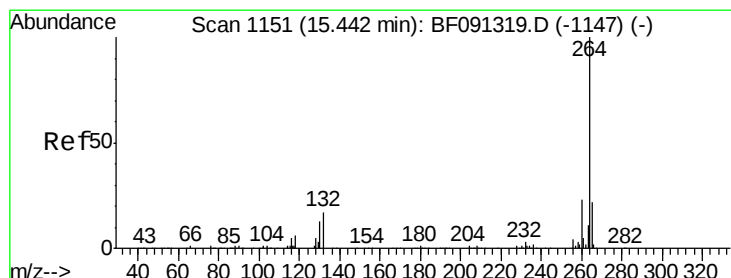
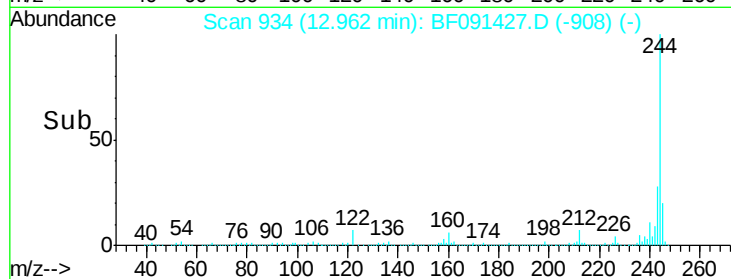
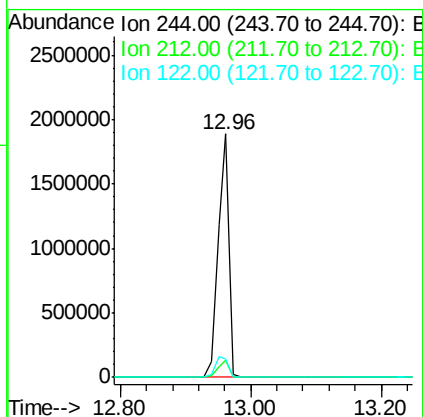
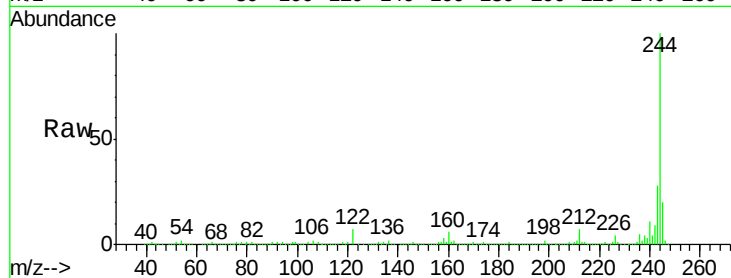




#78
 Terphenyl-d14
 Concen: 86.75 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Instrument :
 BNA_F
 ClientSampleID :
 MW-15

Tot Ion:244 Resp: 2220187
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 7.5 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Tgt Ion:264 Resp: 361633
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 22.3 17.0 25.6

