

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091510.D
 Acq On : 8 Dec 2016 18:49
 Operator : UM/SJ
 Sample : PB95122BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BL

Quant Time: Dec 09 00:28:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 00:14:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	220281	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	985483	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	601980	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	1042993	20.00	ng	0.00
75) Chrysene-d12	13.97	240	994449	20.00	ng	0.00
86) Perylene-d12	15.39	264	762801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1167486	86.58	ng	0.02
7) Phenol-d6	6.46	99	1536206	92.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	957892	54.47	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	440535	77.30	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1654991	49.78	ng	-0.01
78) Terphenyl-d14	12.93	244	1940129	42.40	ng	0.00

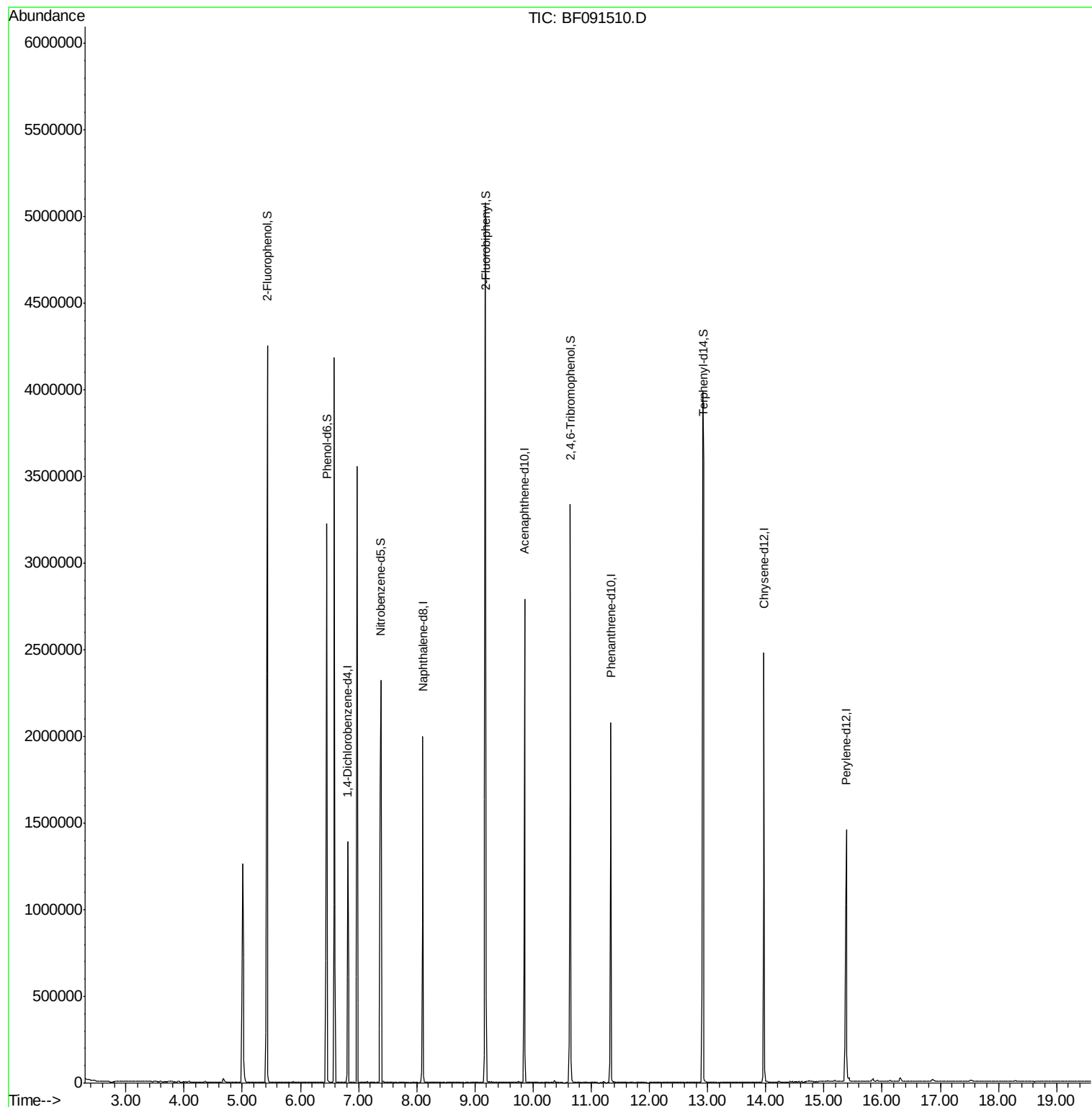
Target Compounds	Qvalue
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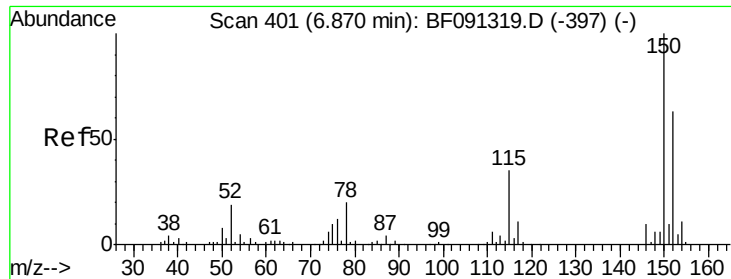
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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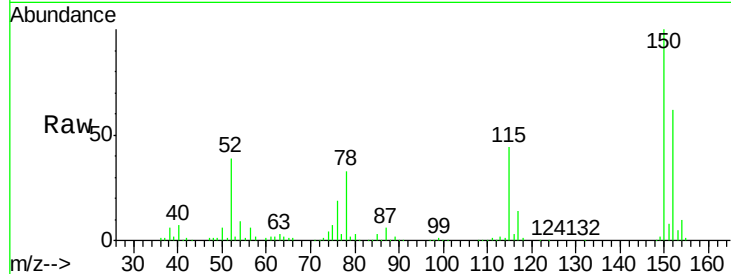


#1

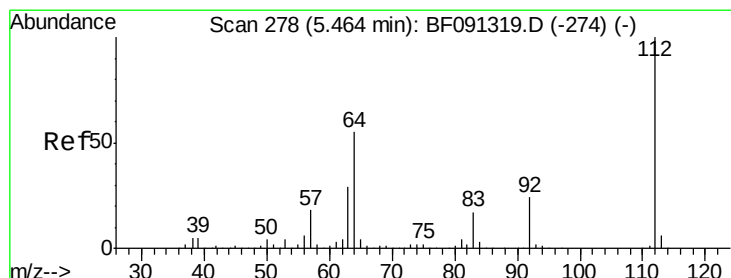
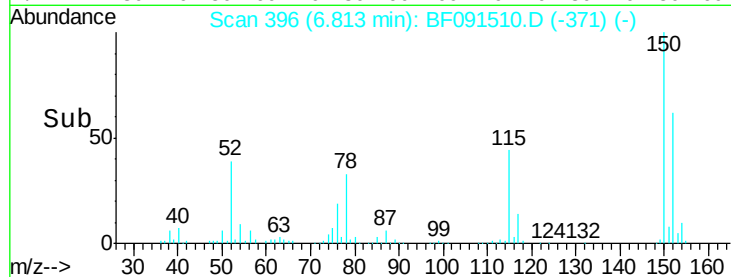
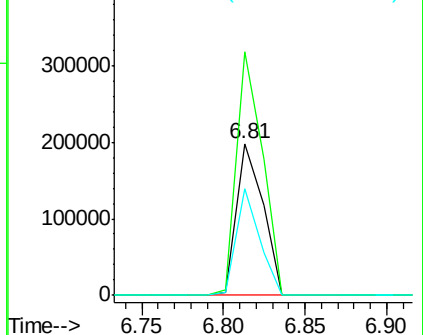
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF091510.D
Acq: 8 Dec 2016 18:49

Instrument :
BNA_F
ClientSampled :
PB95122BL

Tgt Ion:152 Resp: 220281
Ion Ratio Lower Upper
152 100
150 160.8 122.5 183.7
115 70.6 51.8 77.8



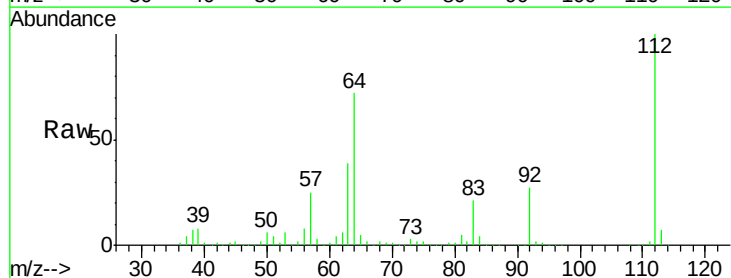
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



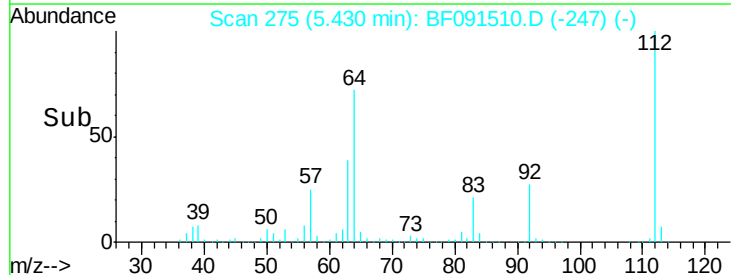
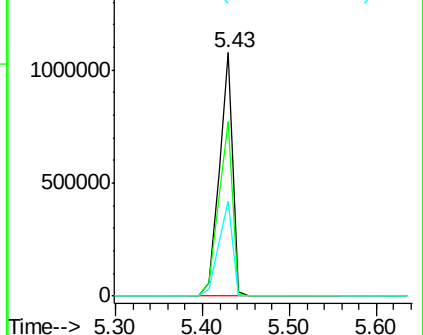
#5

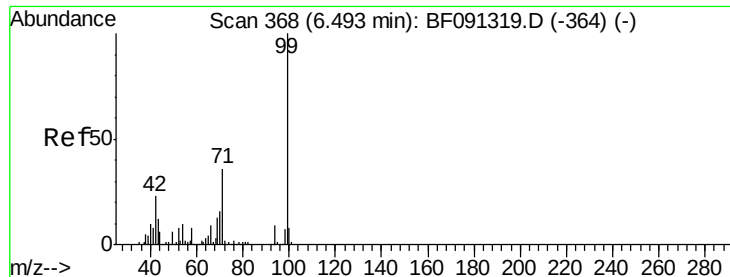
2-Fluorophenol
Concen: 86.58 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF091510.D
Acq: 8 Dec 2016 18:49

Tgt Ion:112 Resp: 1167486
Ion Ratio Lower Upper
112 100
64 71.5 61.5 92.3
63 39.3 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: 92.55 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF091510.D

Acq: 8 Dec 2016 18:49

Instrument :

BNA_F

ClientSampleId :

PB95122BL

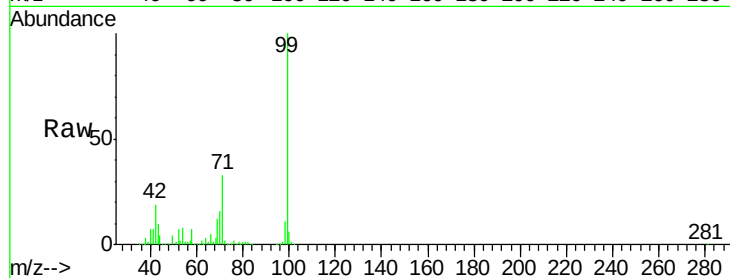
Tgt Ion: 99 Resp: 1536206

Ion Ratio Lower Upper

99 100

42 18.8 20.6 31.0#

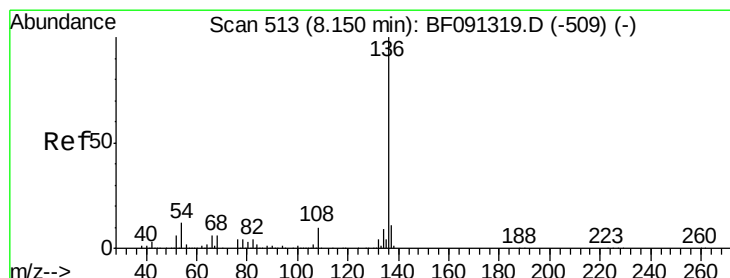
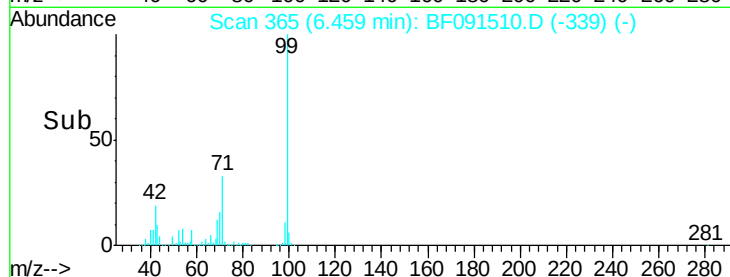
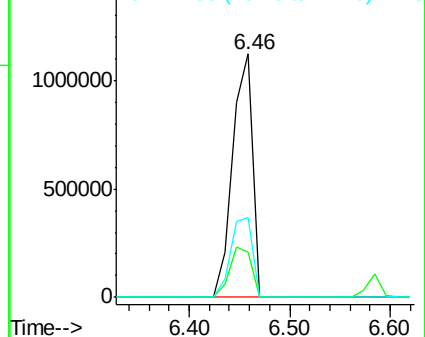
71 33.0 29.9 44.9



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: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF091510.D

Acq: 8 Dec 2016 18:49

Tgt Ion: 136 Resp: 985483

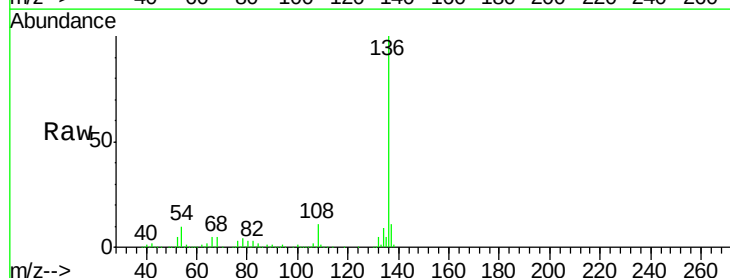
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.8 9.1 13.7

68 4.9 5.9 8.9#

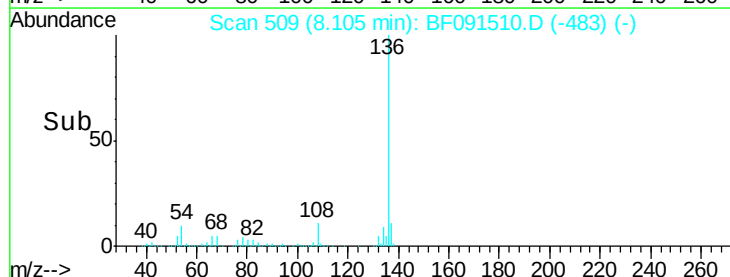
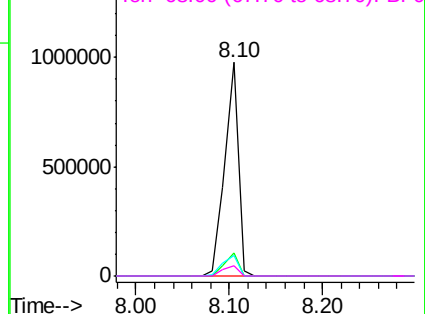


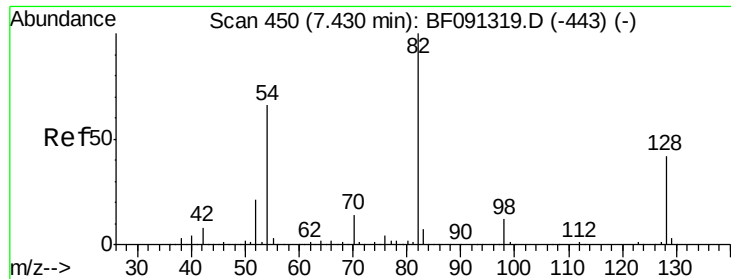
Abundance Ion 136.00 (135.70 to 136.70): E

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

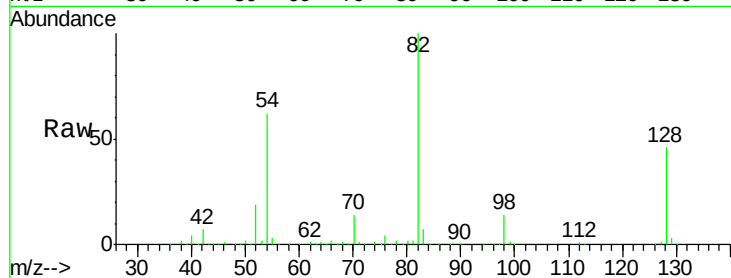




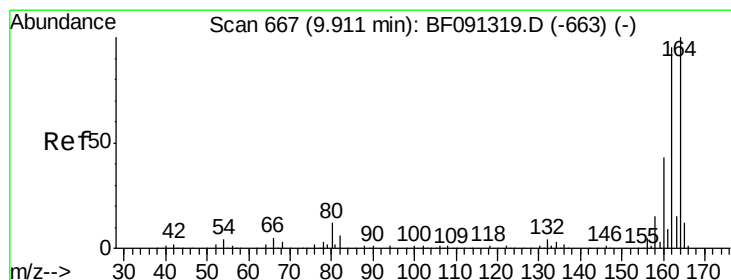
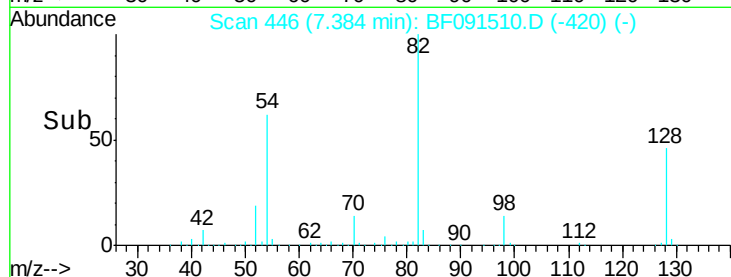
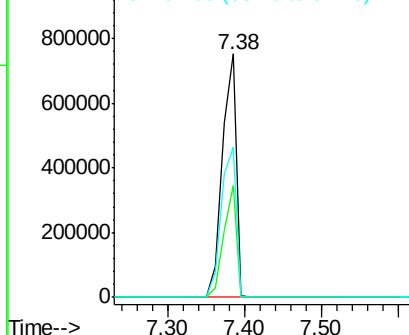
#23
 Nitrobenzene-d5
 Concen: 54.47 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Instrument :
 BNA_F
 ClientSampled :
 PB95122BL

Tgt Ion: 82 Resp: 957892
 Ion Ratio Lower Upper
 82 100
 128 45.7 31.8 47.6
 54 61.6 49.1 73.7

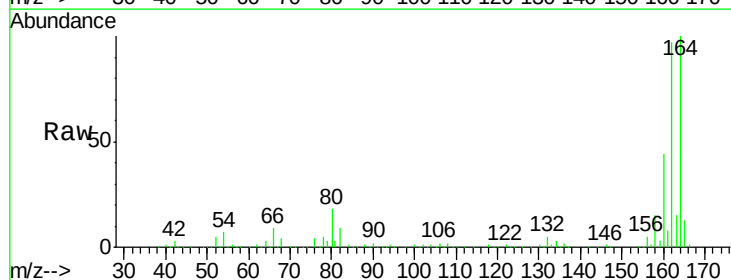


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

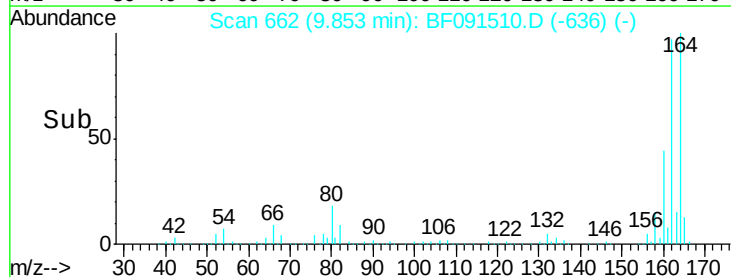
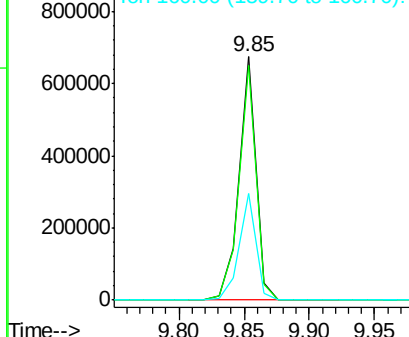


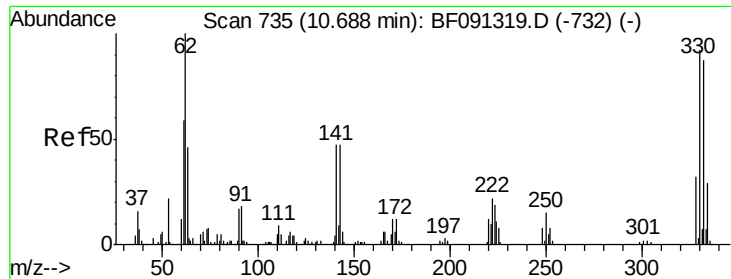
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Tgt Ion: 164 Resp: 601980
 Ion Ratio Lower Upper
 164 100
 162 96.6 82.6 124.0
 160 43.8 36.7 55.1



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

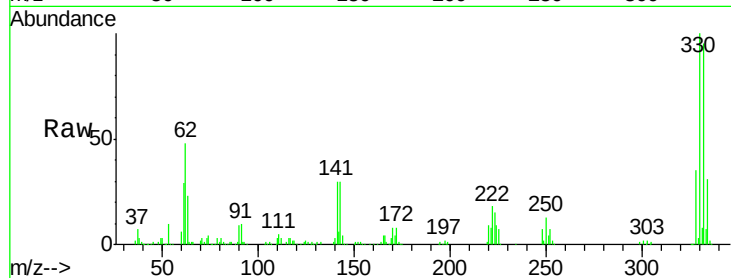




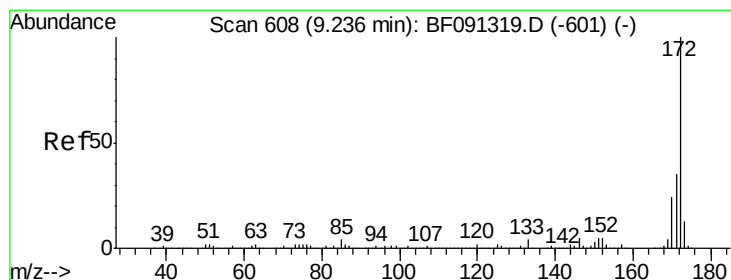
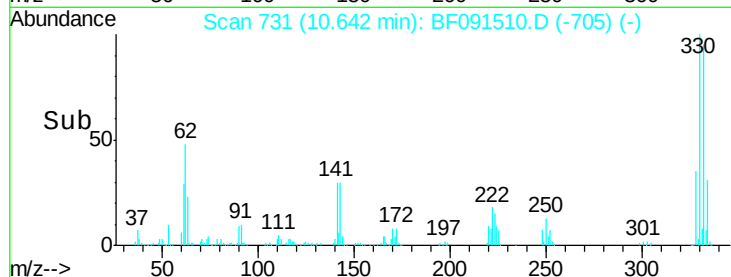
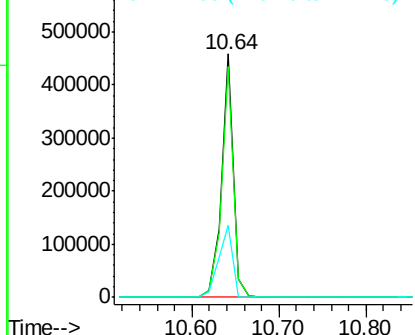
#41
 2,4,6-Tribromophenol
 Concen: 77.30 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BL

Tgt Ion:330 Resp: 440535
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.2 114.4
 141 35.1 33.6 50.4

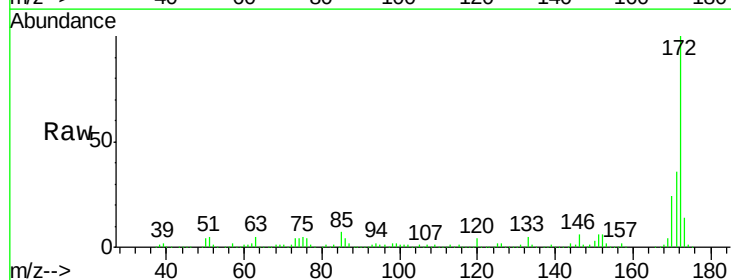


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

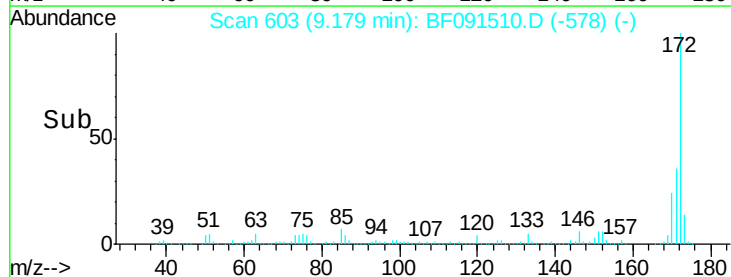
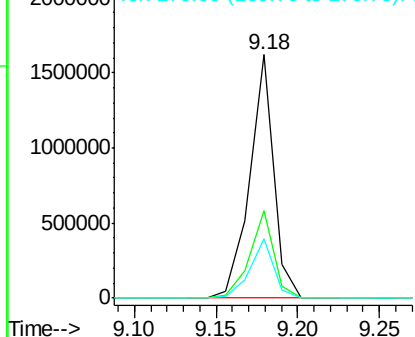


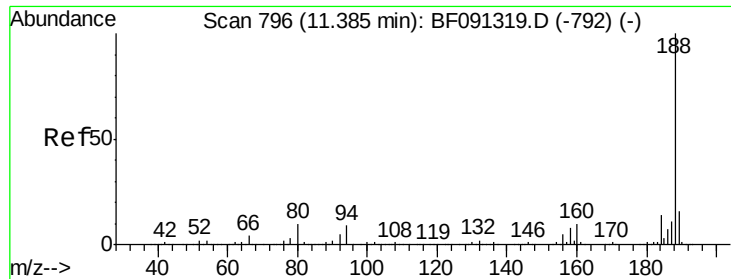
#44
 2-Fluorobiphenyl
 Concen: 49.78 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Tgt Ion:172 Resp: 1654991
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 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

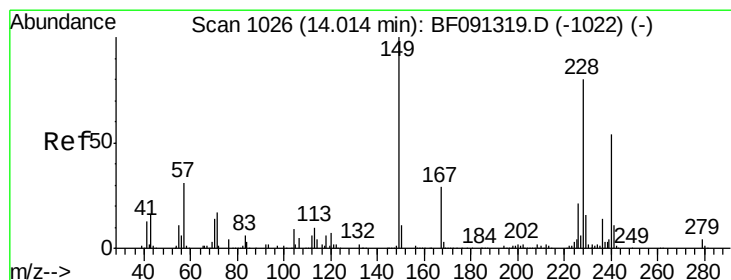
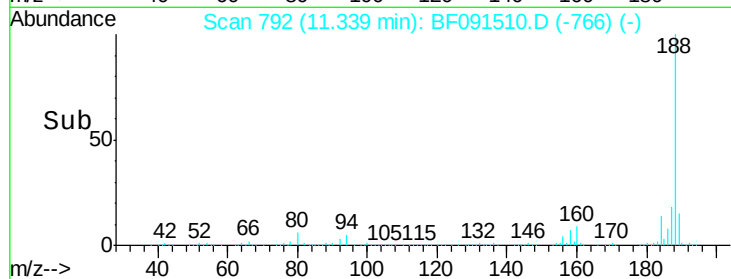
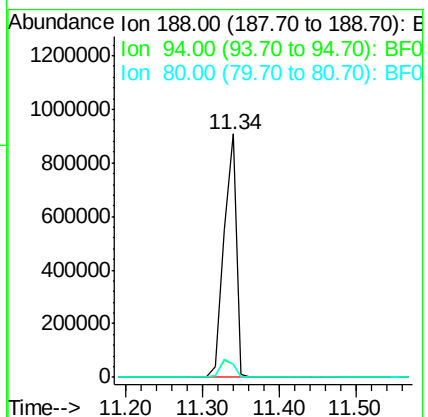
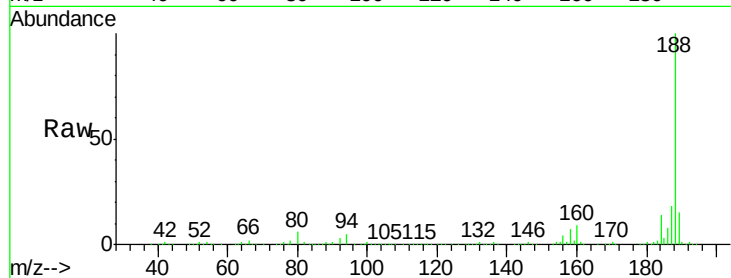




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF091510.D
Acq: 8 Dec 2016 18:49

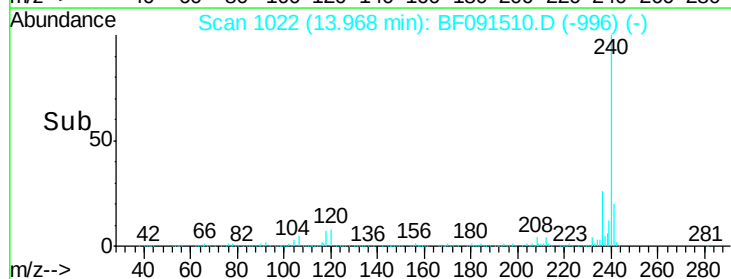
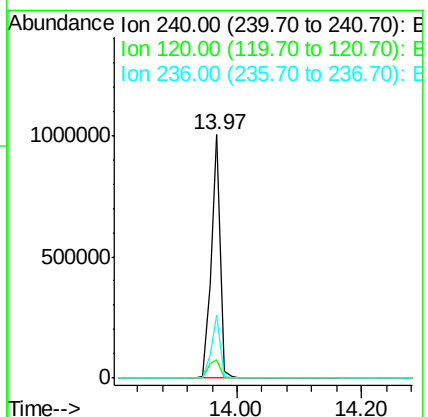
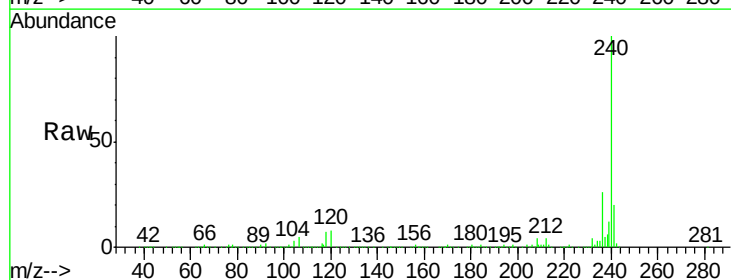
Instrument :
BNA_F
ClientSampleId :
PB95122BL

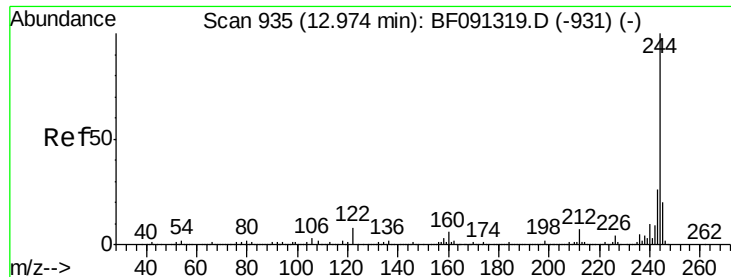
Tgt Ion:188 Resp: 1042993
Ion Ratio Lower Upper
188 100
94 5.4 9.2 13.8#
80 5.5 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF091510.D
Acq: 8 Dec 2016 18:49

Tgt Ion:240 Resp: 994449
Ion Ratio Lower Upper
240 100
120 7.5 12.1 18.1#
236 26.1 21.0 31.6

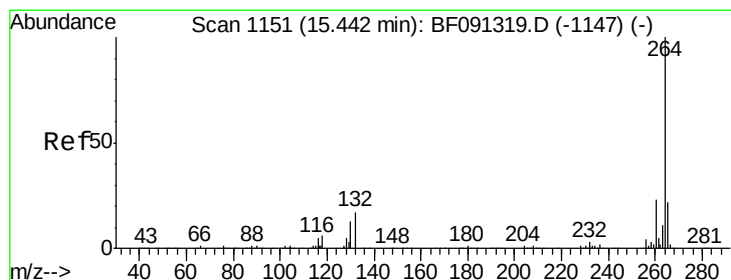
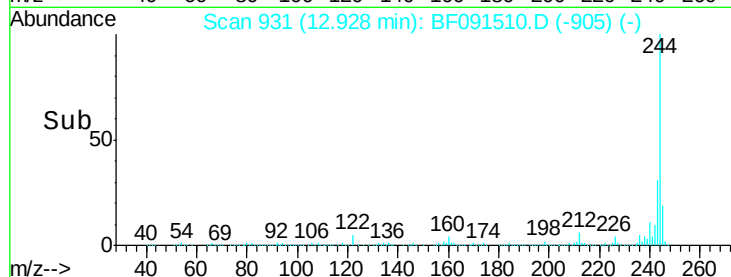
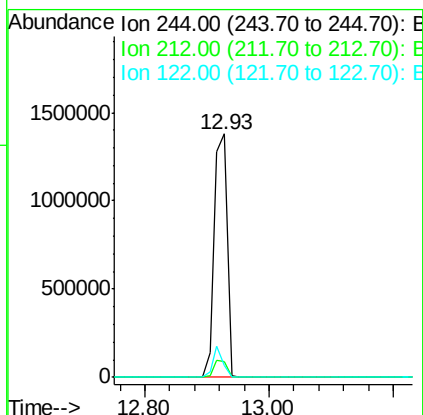
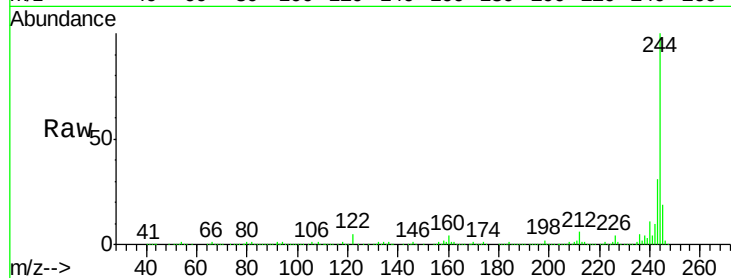




#78
 Terphenyl-d14
 Concen: 42.40 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BL

Tgt Ion:244 Resp: 1940129
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.5 9.7#
 122 4.7 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Tgt Ion:264 Resp: 762801
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.8 17.0 25.6

