

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091509.D
 Acq On : 8 Dec 2016 18:21
 Operator : UM/SJ
 Sample : H5867-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-01-01

Quant Time: Dec 09 00:27:43 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	6.82	152	182107m	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	709002	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	372932	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	638527	20.00	ng	0.00
75) Chrysene-d12	13.97	240	623742	20.00	ng	0.00
86) Perylene-d12	15.39	264	483125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	938419	84.18	ng	0.02
7) Phenol-d6	6.46	99	1410448	102.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	1080983	85.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	428651	121.41	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1633083	79.29	ng	-0.01
78) Terphenyl-d14	12.93	244	1914154	66.70	ng	0.00

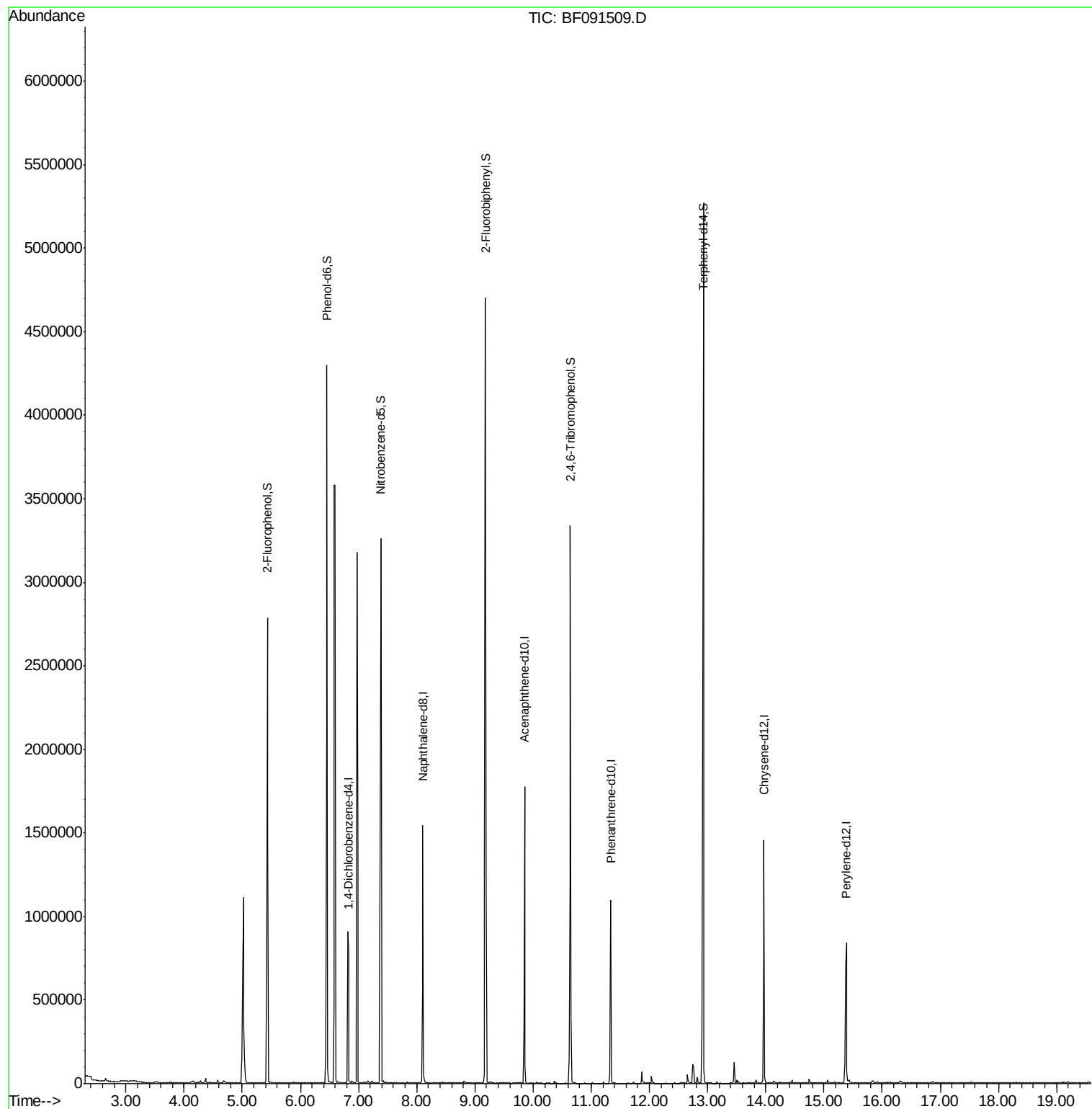
Target Compounds	Qvalue
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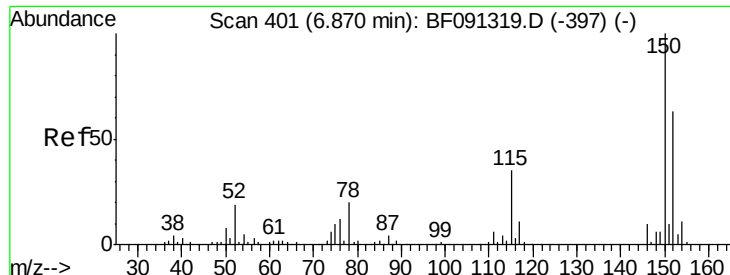
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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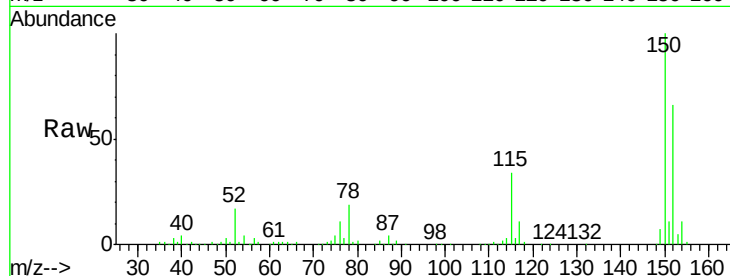


#1

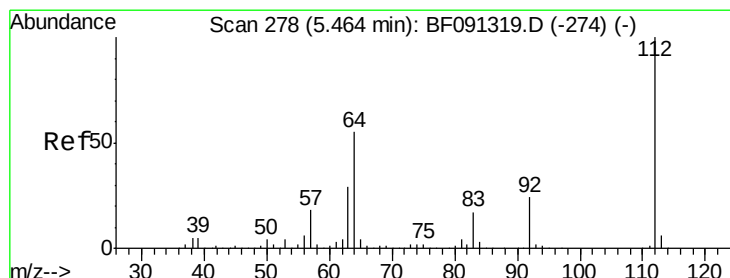
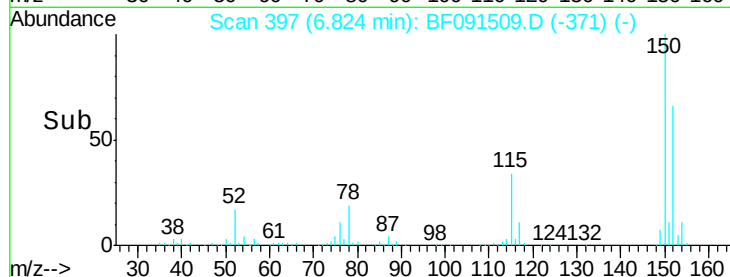
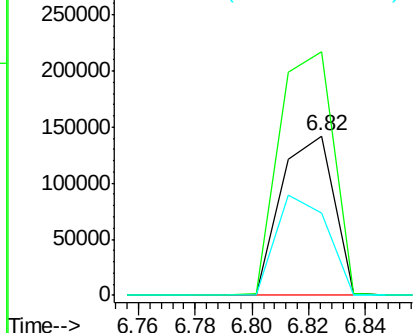
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng m
 RT: 6.82 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-01-01

Tgt Ion:152 Resp: 182107
 Ion Ratio Lower Upper
 152 100
 150 152.5 122.5 183.7
 115 51.3 51.8 77.8#



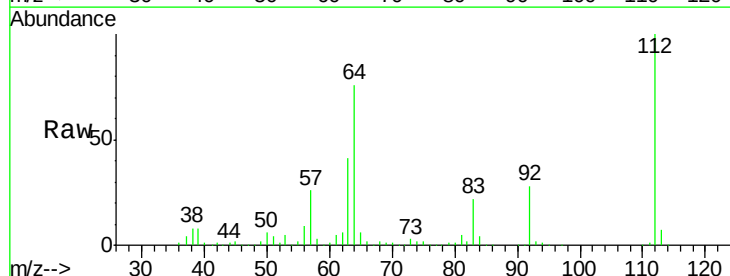
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



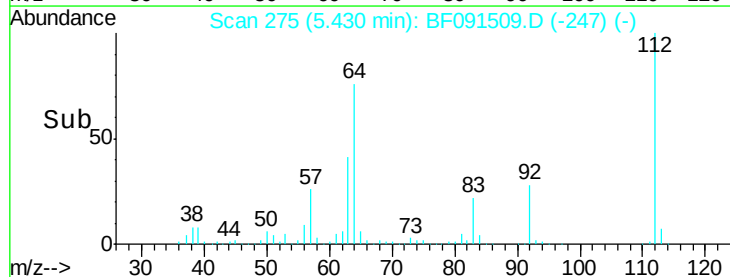
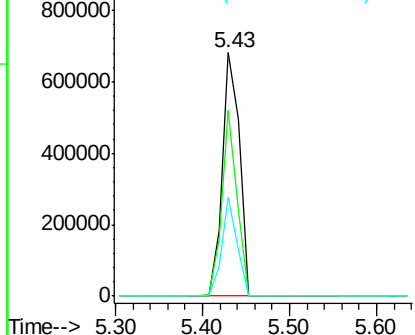
#5

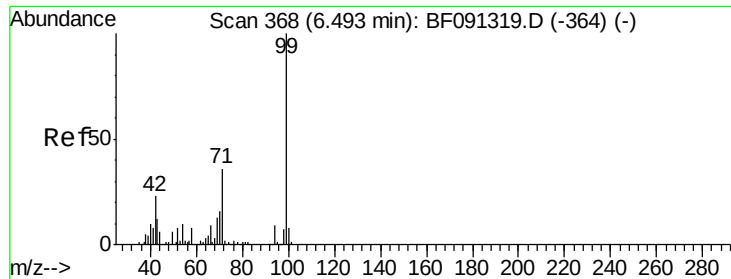
2-Fluorophenol
 Concen: 84.18 ng
 RT: 5.43 min Scan# 275
 Delta R.T. 0.02 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

Tgt Ion:112 Resp: 938419
 Ion Ratio Lower Upper
 112 100
 64 76.1 61.5 92.3
 63 40.8 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: 102.79 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF091509.D

Acq: 8 Dec 2016 18:21

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-01-01

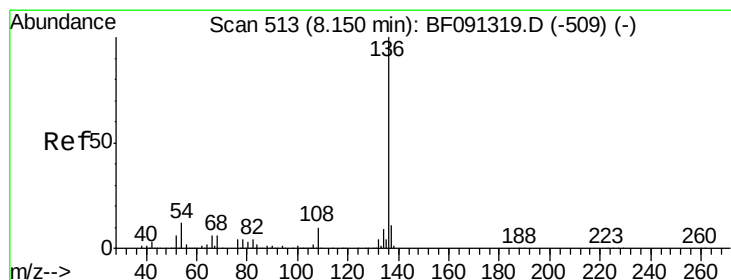
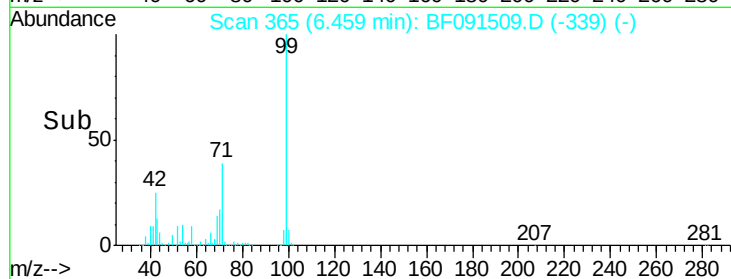
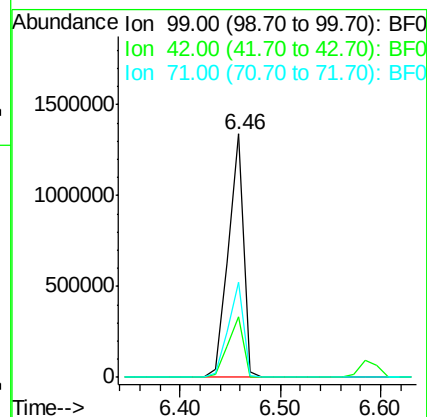
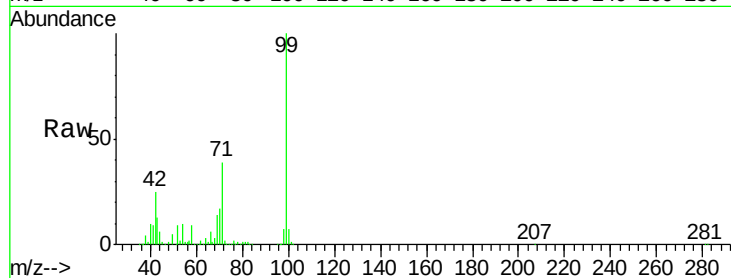
Tgt Ion: 99 Resp: 1410448

Ion Ratio Lower Upper

99 100

42 24.9 20.6 31.0

71 39.1 29.9 44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF091509.D

Acq: 8 Dec 2016 18:21

Tgt Ion: 136 Resp: 709002

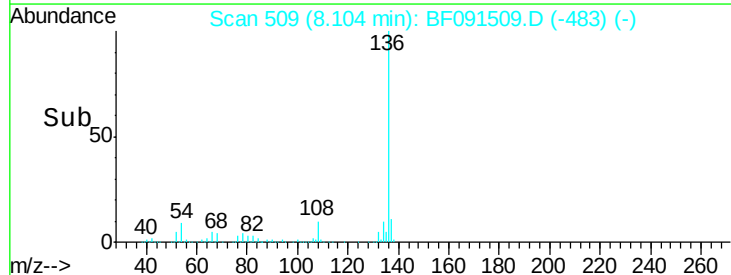
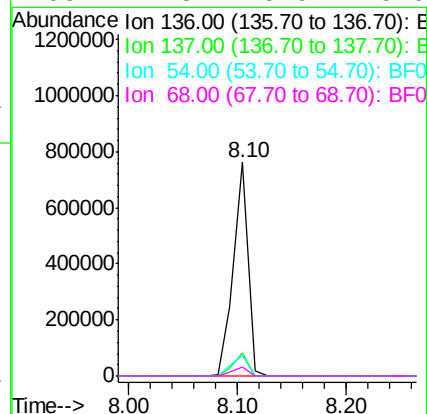
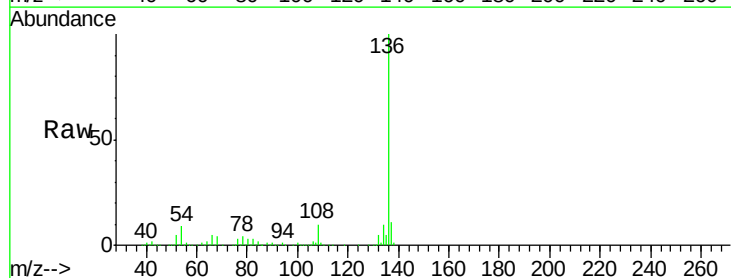
Ion Ratio Lower Upper

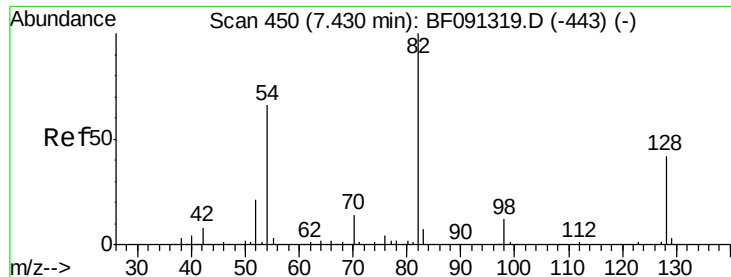
136 100

137 11.1 9.1 13.7

54 9.5 9.1 13.7

68 4.3 5.9 8.9#

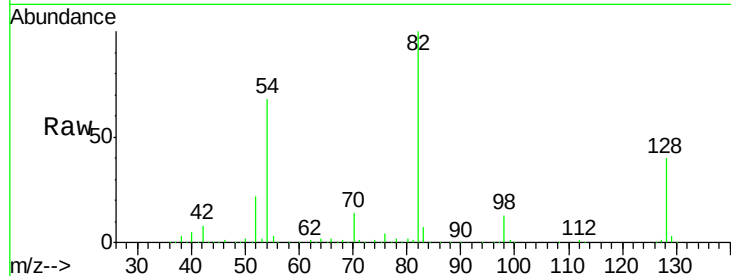




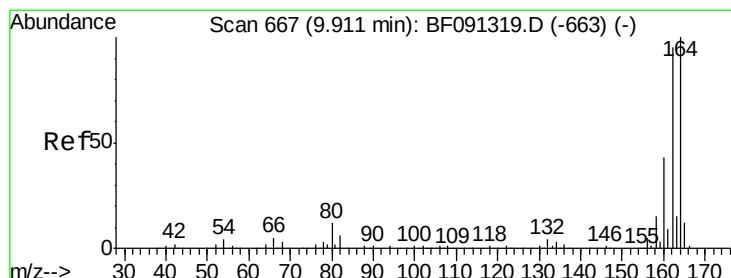
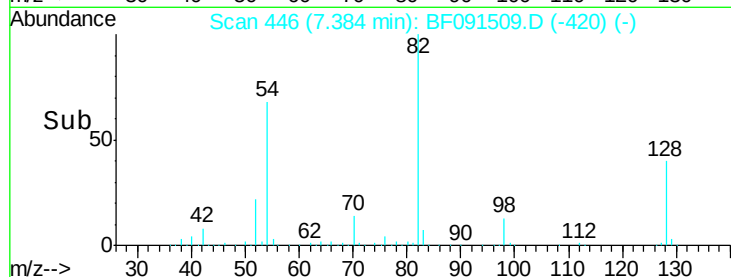
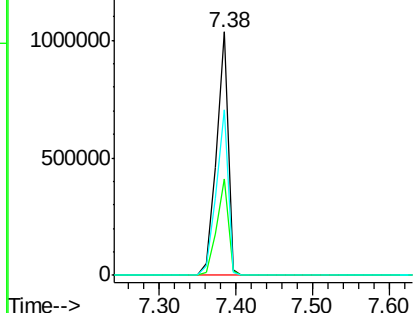
#23
 Nitrobenzene-d5
 Concen: 85.44 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-01-01

Tgt Ion: 82 Resp: 1080983
 Ion Ratio Lower Upper
 82 100
 128 39.8 31.8 47.6
 54 68.1 49.1 73.7

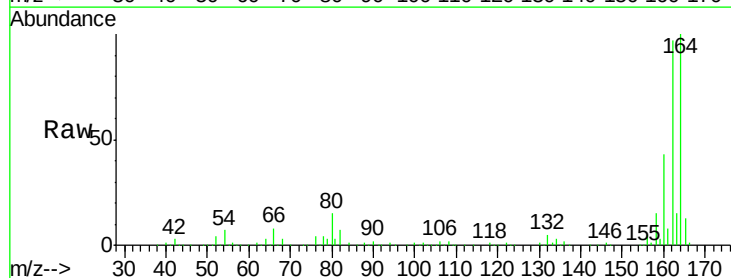


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

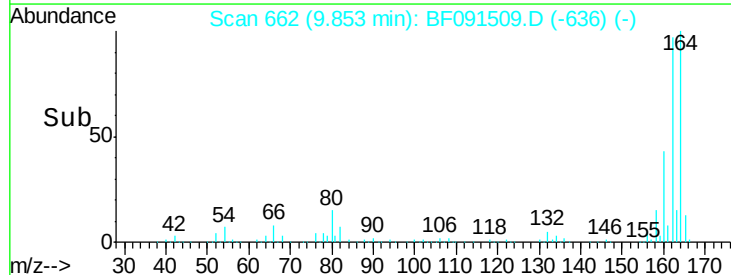
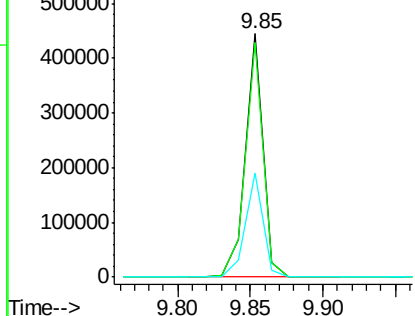


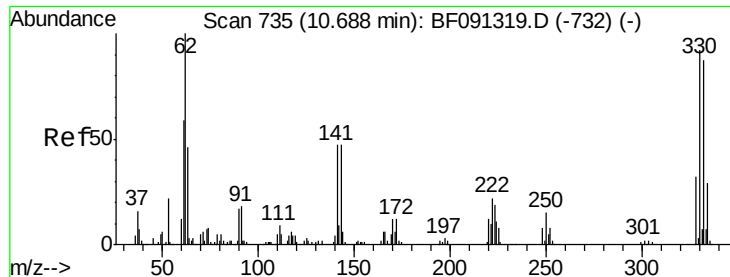
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

Tgt Ion: 164 Resp: 372932
 Ion Ratio Lower Upper
 164 100
 162 96.5 82.6 124.0
 160 42.8 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

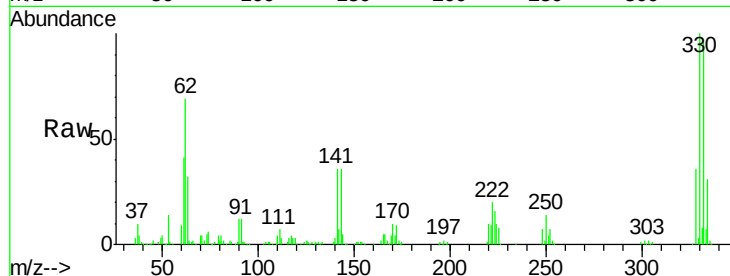




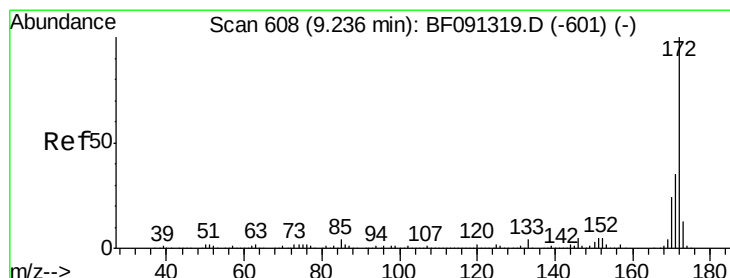
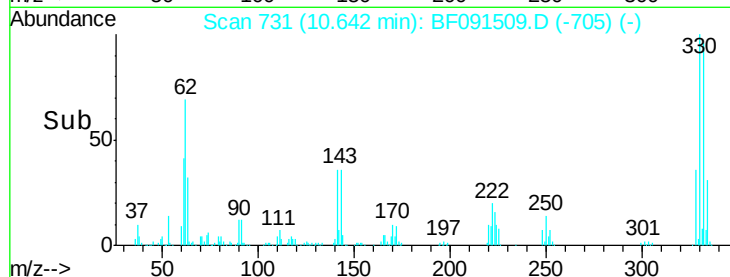
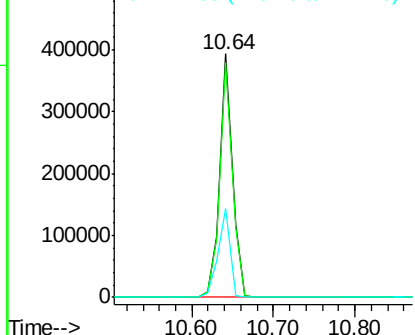
#41
 2,4,6-Tribromophenol
 Concen: 121.41 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-01-01

Tgt Ion:330 Resp: 428651
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 34.2 33.6 50.4

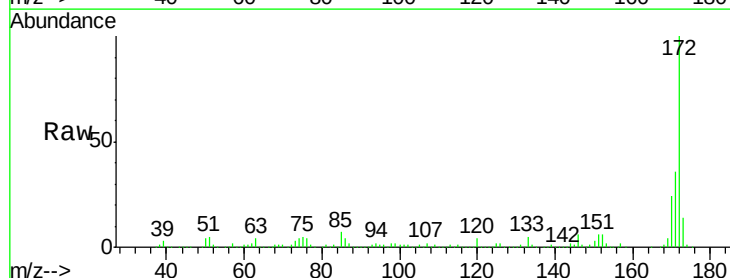


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

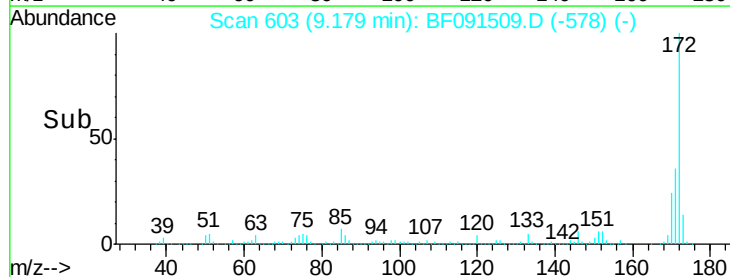
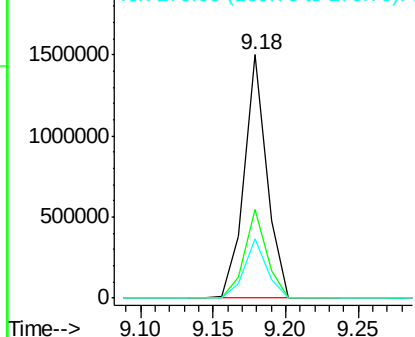


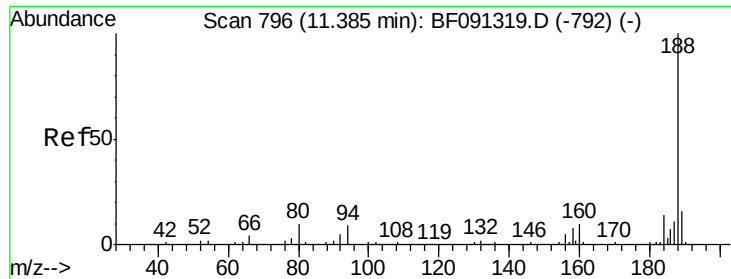
#44
 2-Fluorobiphenyl
 Concen: 79.29 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

Tgt Ion:172 Resp: 1633083
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.3 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

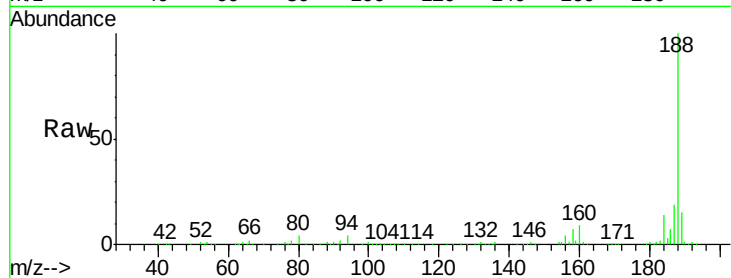




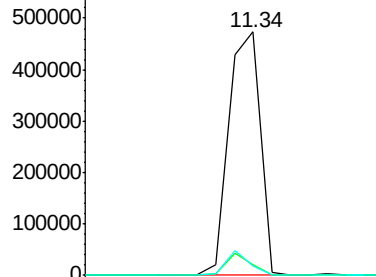
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF091509.D
Acq: 8 Dec 2016 18:21

Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-01-01

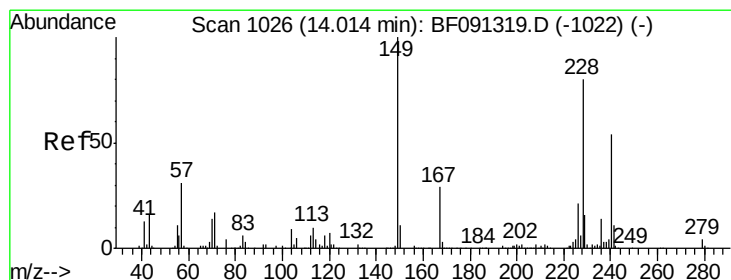
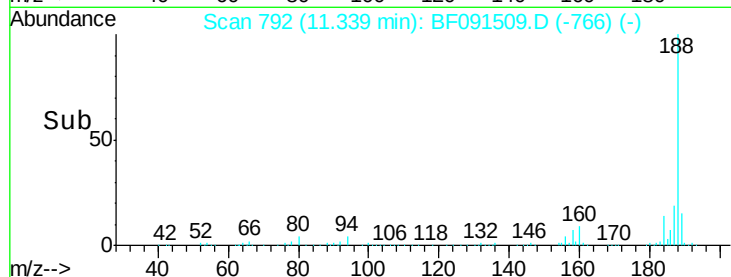
Tgt Ion:188 Resp: 638527
Ion Ratio Lower Upper
188 100
94 4.3 9.2 13.8#
80 4.1 10.5 15.7#



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

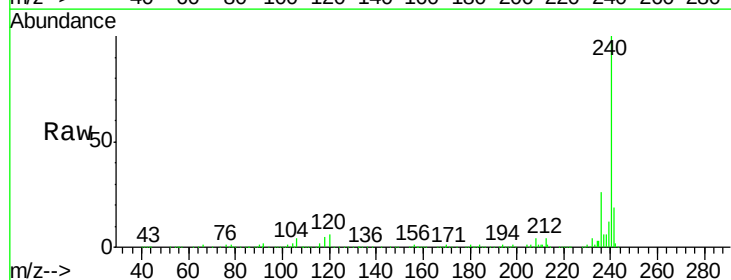


Time--> 11.25 11.30 11.35 11.40

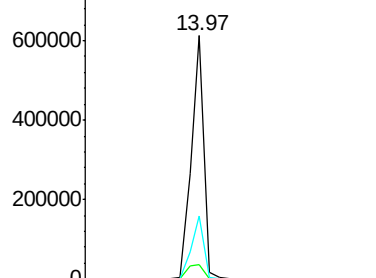


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF091509.D
Acq: 8 Dec 2016 18:21

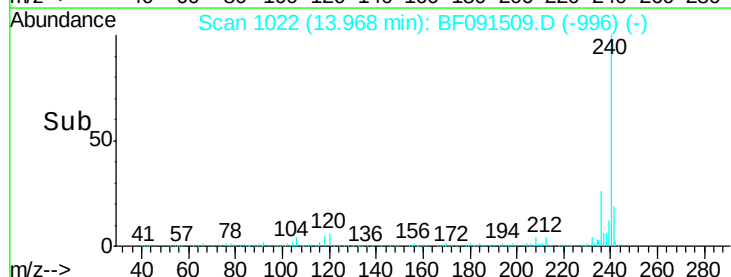
Tgt Ion:240 Resp: 623742
Ion Ratio Lower Upper
240 100
120 5.7 12.1 18.1#
236 25.9 21.0 31.6

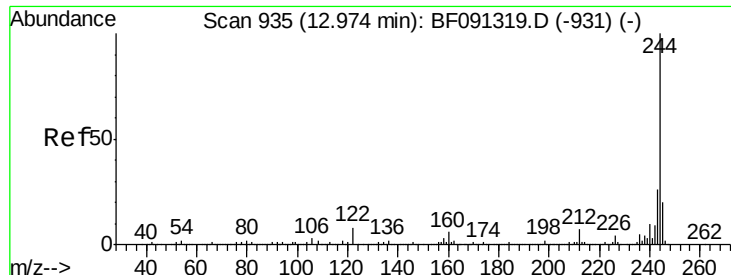


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10

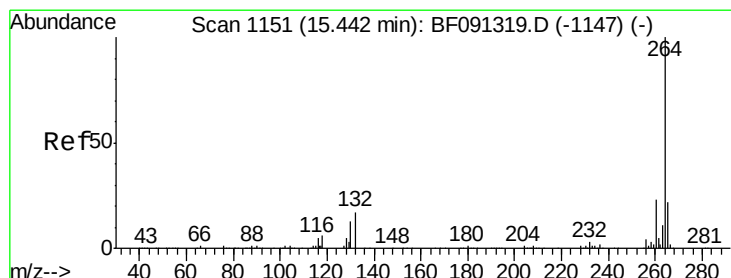
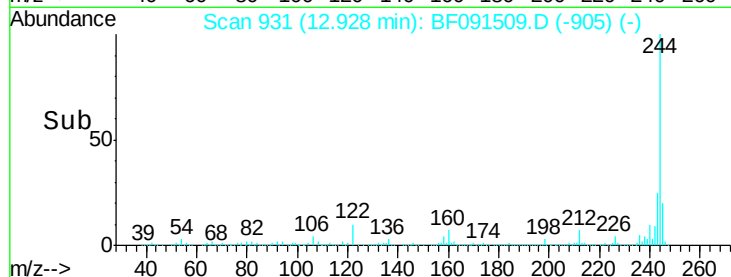
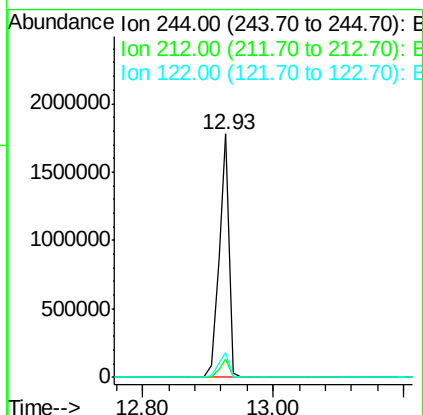
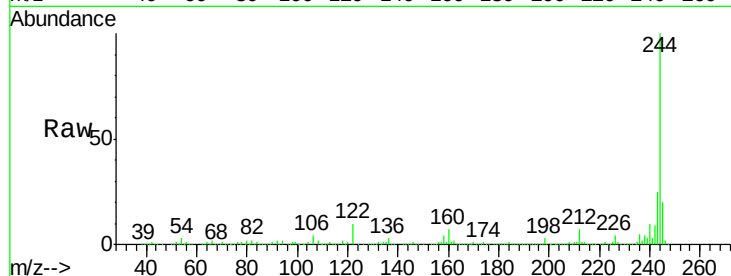




#78
 Terphenyl-d14
 Concen: 66.70 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-01-01

Tgt Ion:244 Resp: 1914154
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 10.3 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: BF091509.D
 Acq: 8 Dec 2016 18:21

Tgt Ion:264 Resp: 483125
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 20.9 17.0 25.6

