

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091405.D
 Acq On : 2 Dec 2016 22:38
 Operator : UM/SJ
 Sample : H5802-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Dec 02 23:34:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

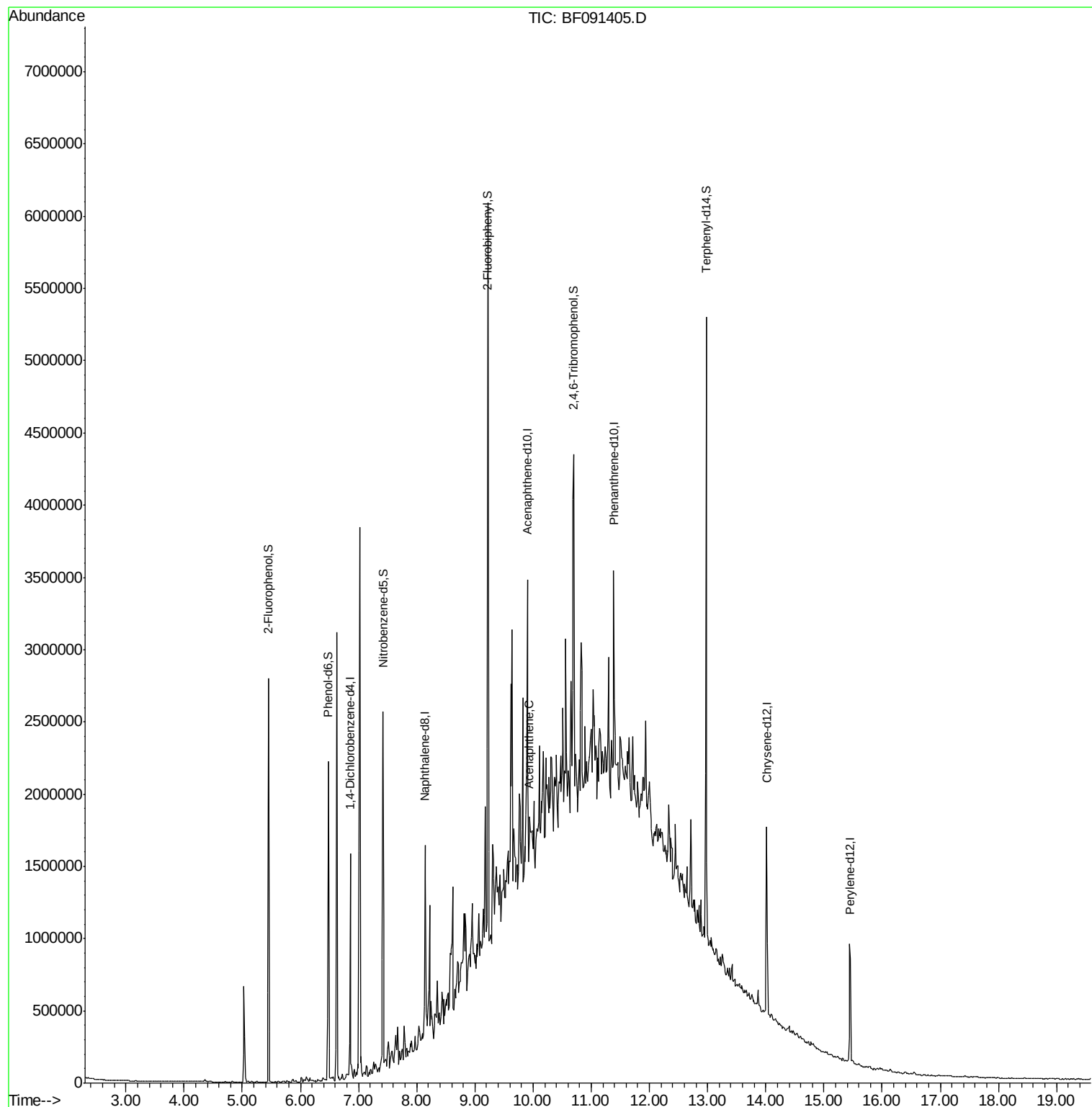
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	199822	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	751050	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	402901	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	654058	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	503728	20.00	ng	-0.03
86) Perylene-d12	15.45	264	479414	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	645982	52.81	ng	-0.02
7) Phenol-d6	6.48	99	596473	39.61	ng	-0.02
23) Nitrobenzene-d5	7.42	82	931417	69.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	475263	124.60	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1644058	73.88	ng	-0.02
78) Terphenyl-d14	12.97	244	1405291	60.64	ng	-0.02
Target Compounds						
51) Acenaphthene	9.93	154	62403	2.72	ng	Qvalue 98

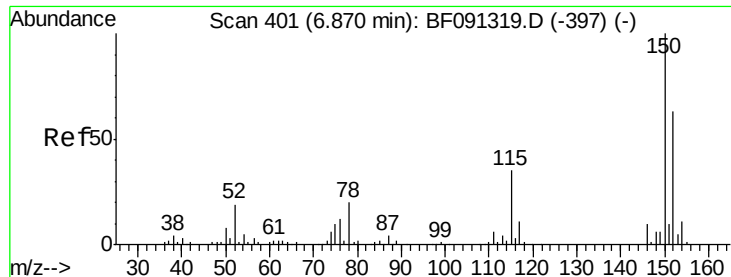
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091405.D

Acq: 2 Dec 2016 22:38

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BNA_F

ClientSampleId :

MW-06

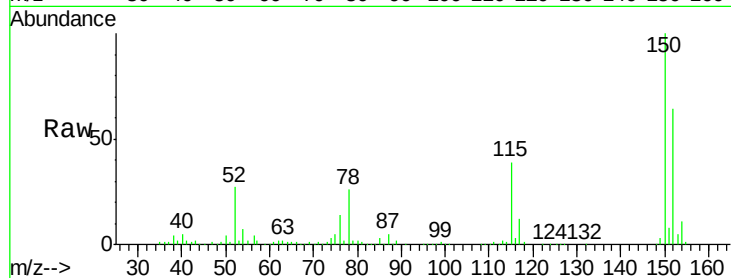
Tgt Ion:152 Resp: 199822

Ion Ratio Lower Upper

152 100

150 156.2 122.5 183.7

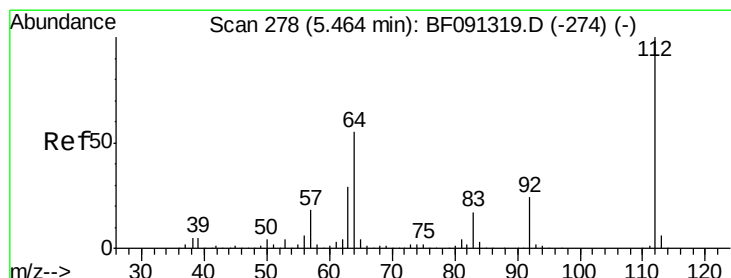
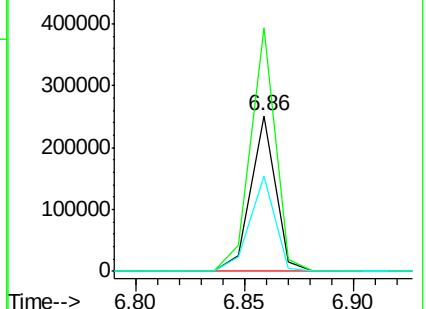
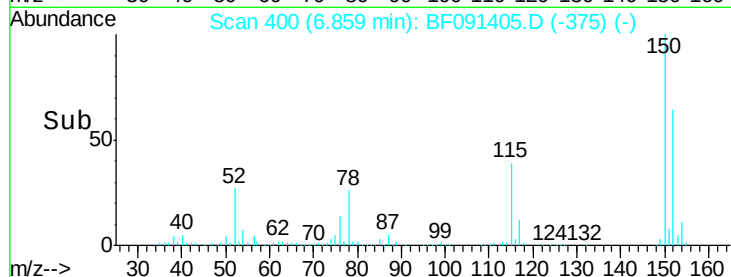
115 61.3 51.8 77.8



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: 52.81 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091405.D

Acq: 2 Dec 2016 22:38

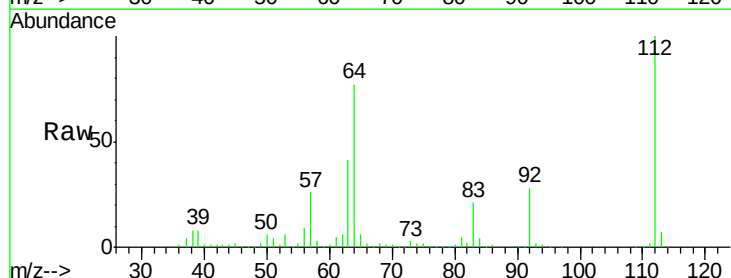
Tgt Ion:112 Resp: 645982

Ion Ratio Lower Upper

112 100

64 77.1 61.5 92.3

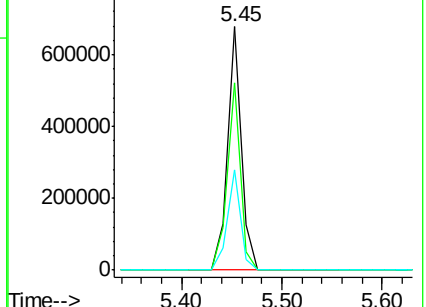
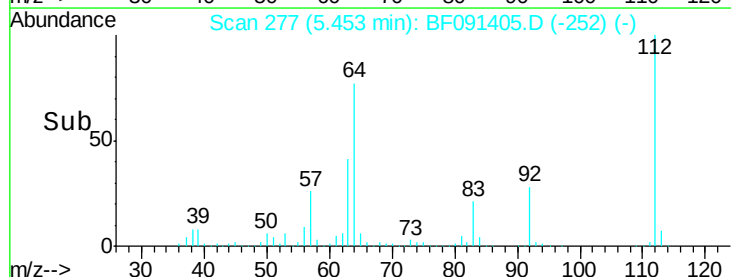
63 41.2 33.3 49.9

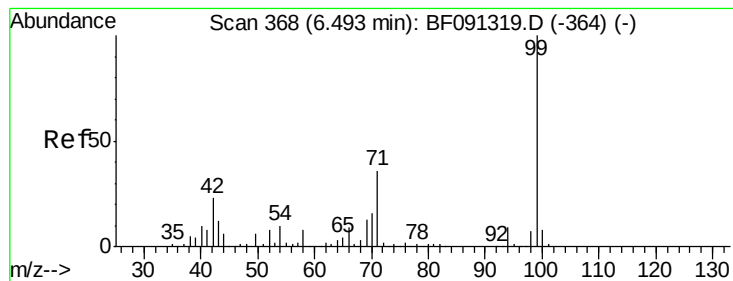


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.61 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091405.D

Acq: 2 Dec 2016 22:38

Instrument :

BNA_F

ClientSampled :

MW-06

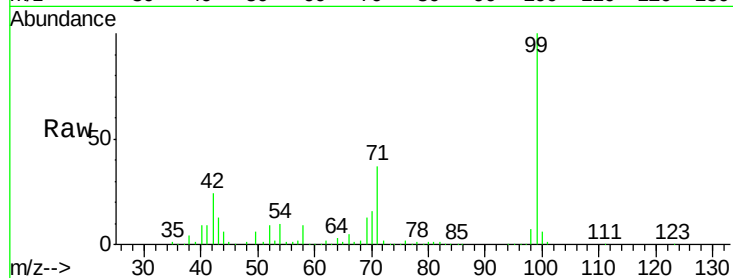
Tgt Ion: 99 Resp: 596473

Ion Ratio Lower Upper

99 100

42 24.2 20.6 31.0

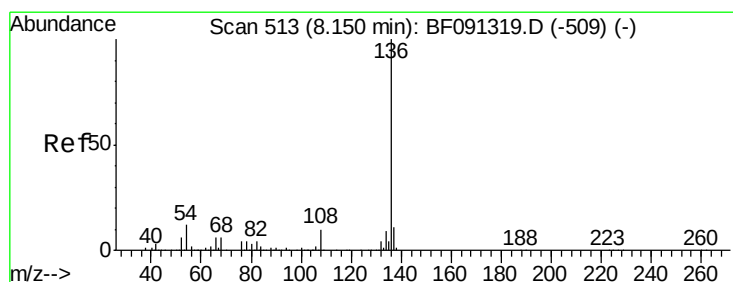
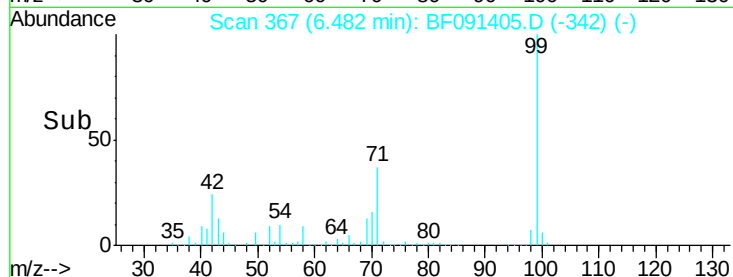
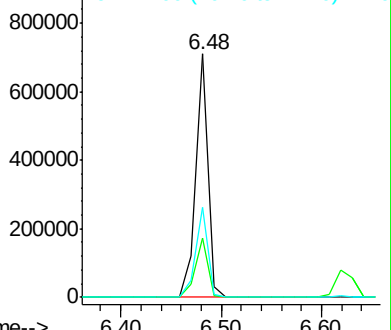
71 37.1 29.9 44.9



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: 8.14 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091405.D

Acq: 2 Dec 2016 22:38

Tgt Ion: 136 Resp: 751050

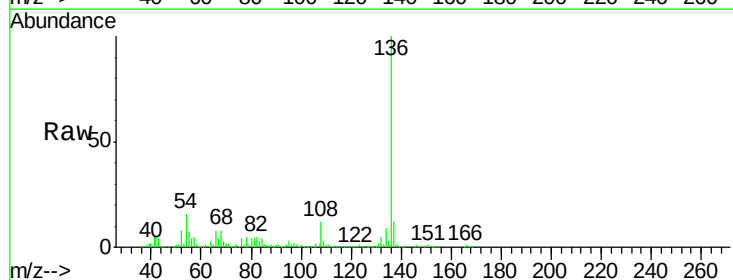
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 16.2 9.1 13.7#

68 7.8 5.9 8.9

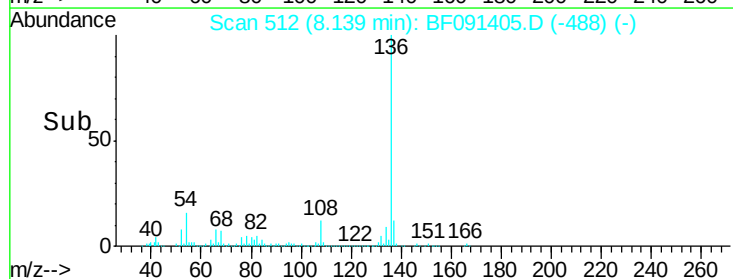
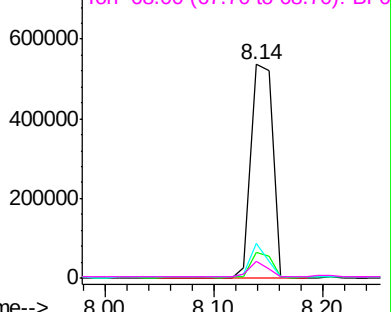


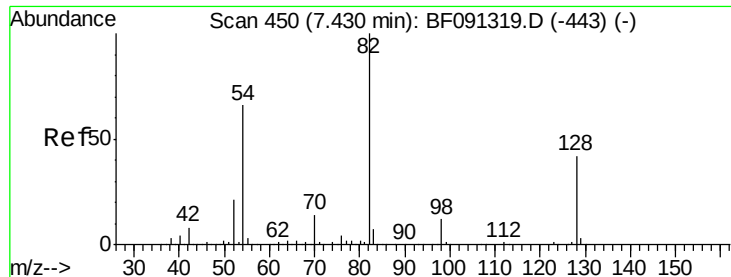
Abundance Ion 136.00 (135.70 to 136.70): E

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

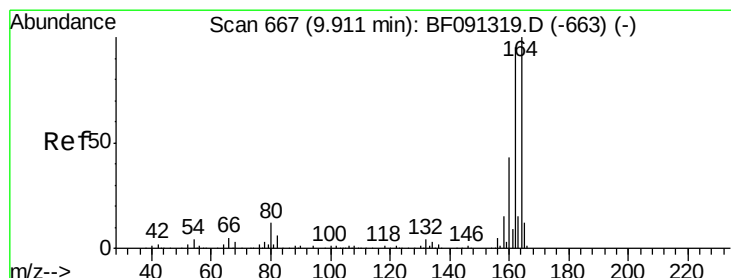
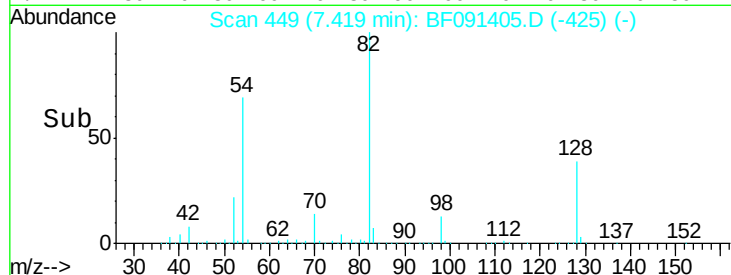
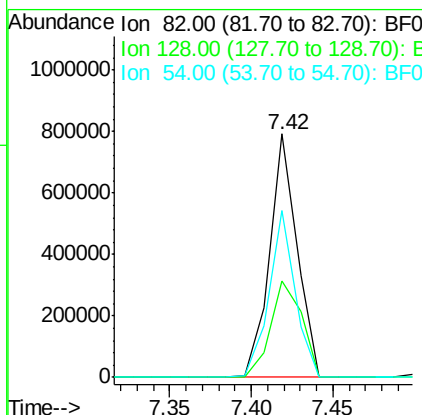
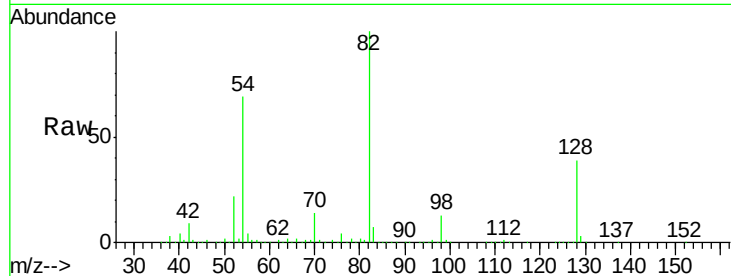




#23
 Nitrobenzene-d5
 Concen: 69.50 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.03 min
 Lab File: BF091405.D
 Acq: 2 Dec 2016 22:38

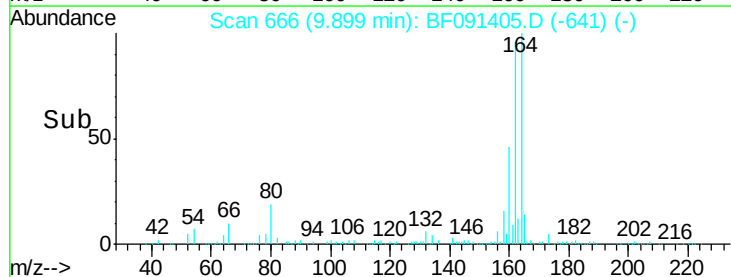
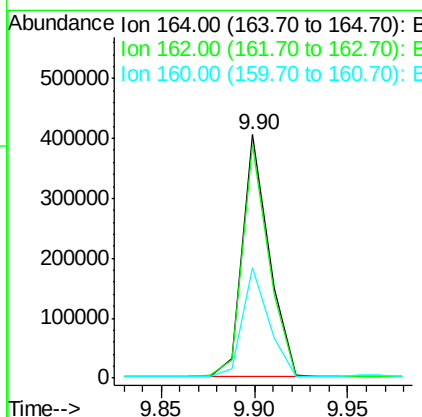
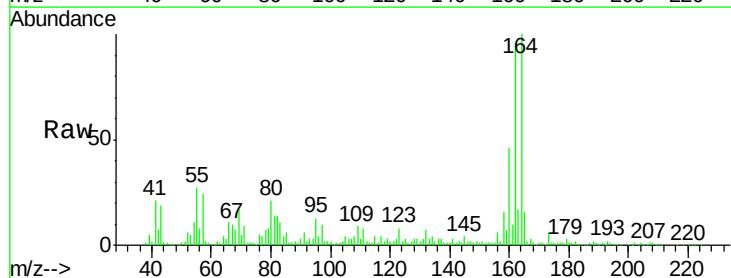
Instrument :
 BNA_F
 ClientSampled :
 MW-06

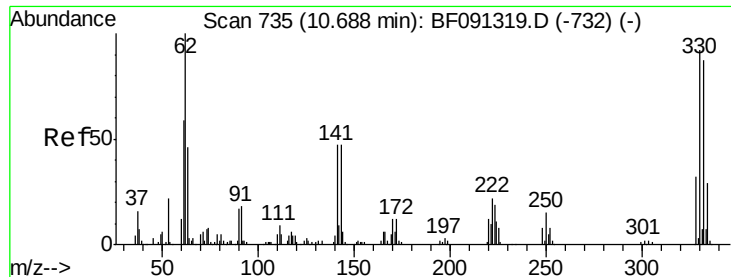
Tgt Ion: 82 Resp: 931417
 Ion Ratio Lower Upper
 82 100
 128 39.4 31.8 47.6
 54 68.7 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091405.D
 Acq: 2 Dec 2016 22:38

Tgt Ion: 164 Resp: 402901
 Ion Ratio Lower Upper
 164 100
 162 95.7 82.6 124.0
 160 45.5 36.7 55.1

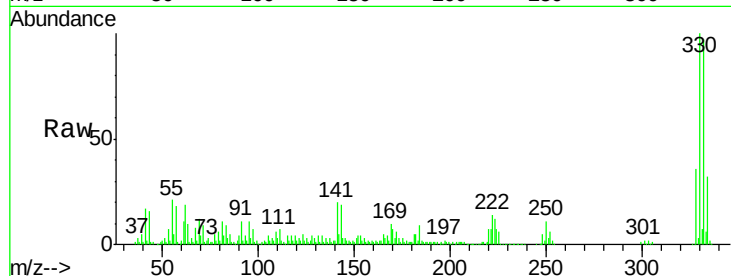




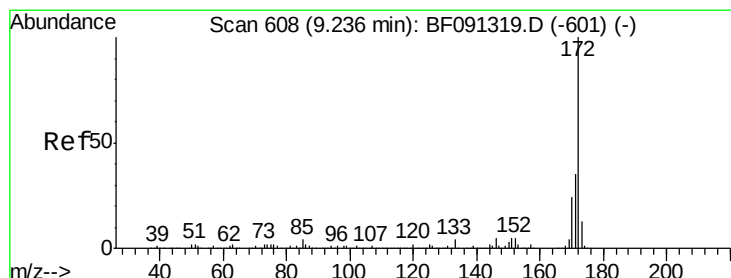
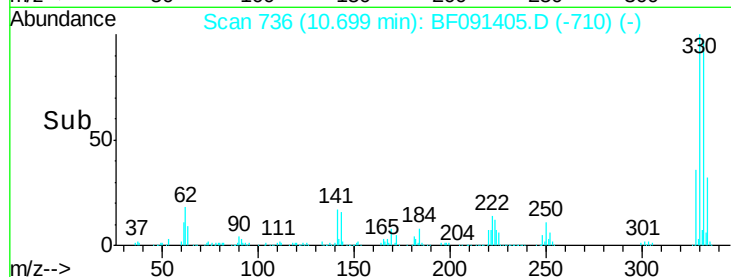
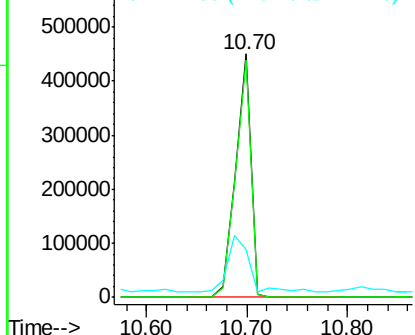
#41
 2,4,6-Tribromophenol
 Concen: 124.60 ng
 RT: 10.70 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF091405.D
 Acq: 2 Dec 2016 22:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:330 Resp: 475263
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.2 114.4
 141 34.2 33.6 50.4

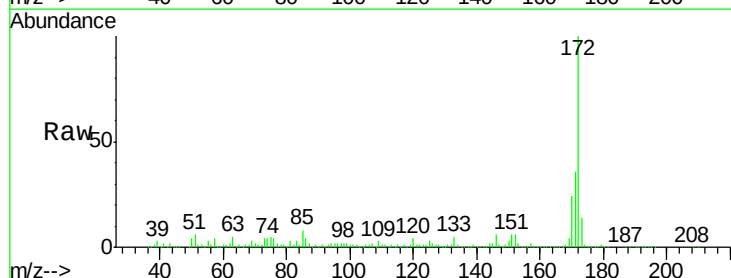


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

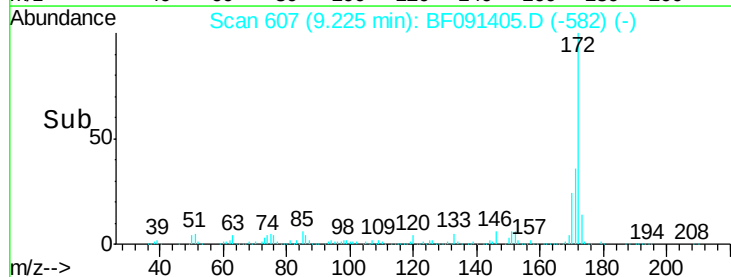
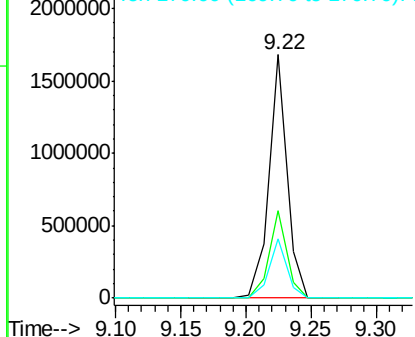


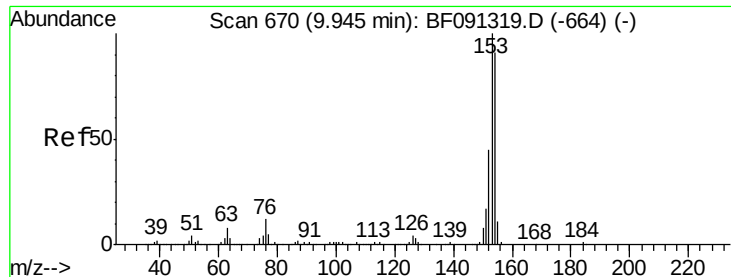
#44
 2-Fluorobiphenyl
 Concen: 73.88 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091405.D
 Acq: 2 Dec 2016 22:38

Tgt Ion:172 Resp: 1644058
 Ion Ratio Lower Upper
 172 100
 171 35.8 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





#51

Acenaphthene

Concen: 2.72 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF091405.D

Acq: 2 Dec 2016 22:38

Instrument :

BNA_F

ClientSampled :

MW-06

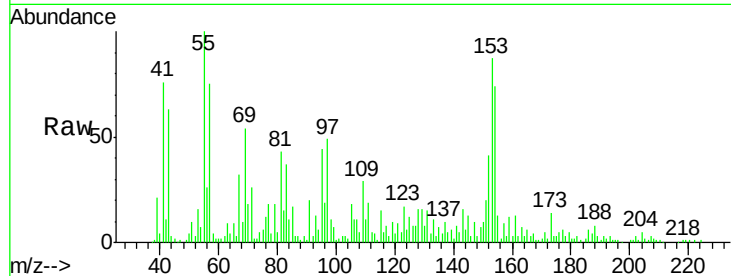
Tgt Ion:154 Resp: 62403

Ion Ratio Lower Upper

154 100

153 116.6 91.0 136.6

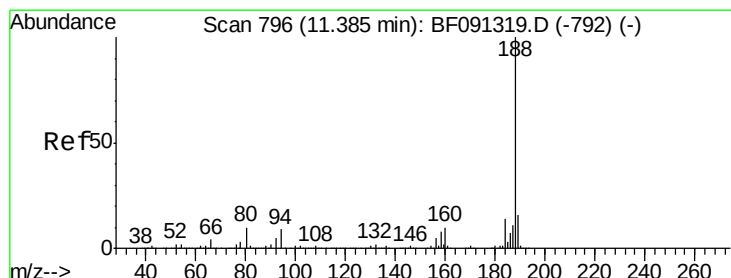
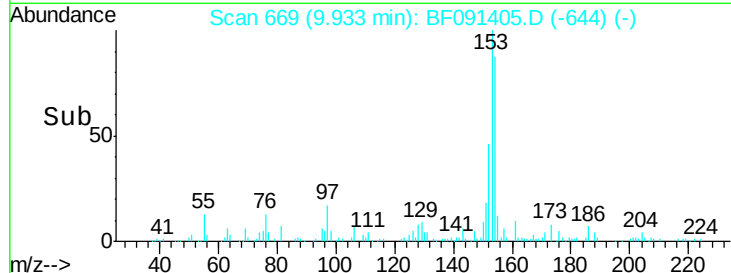
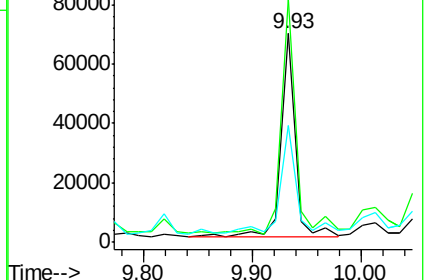
152 55.8 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091405.D

Acq: 2 Dec 2016 22:38

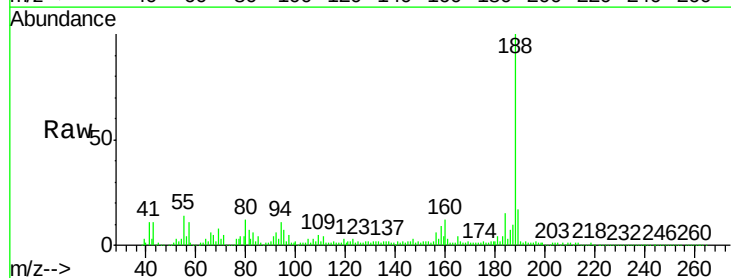
Tgt Ion:188 Resp: 654058

Ion Ratio Lower Upper

188 100

94 11.0 9.2 13.8

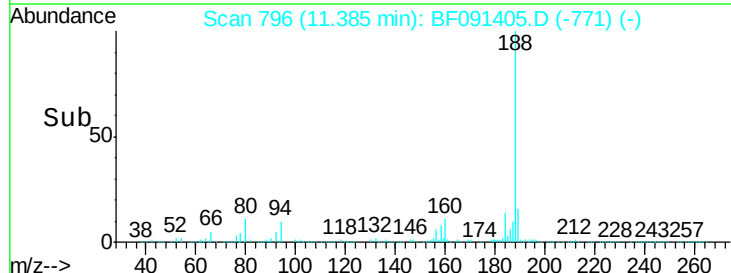
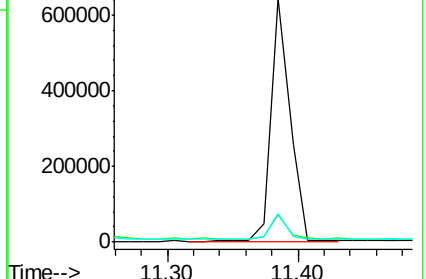
80 11.9 10.5 15.7

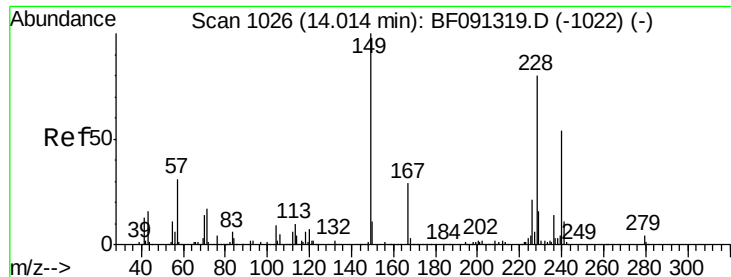


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

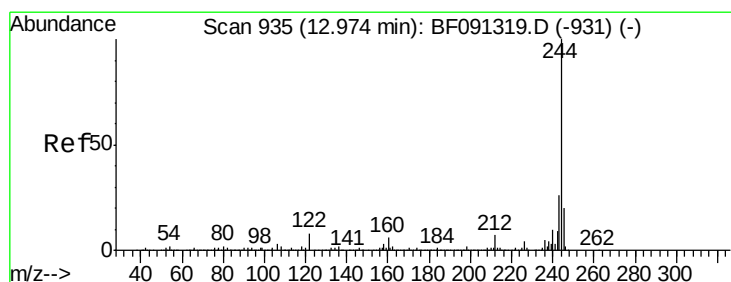
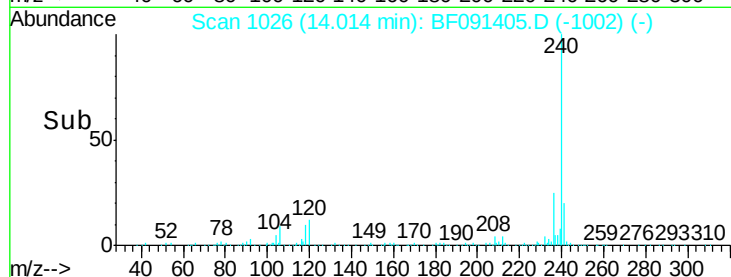
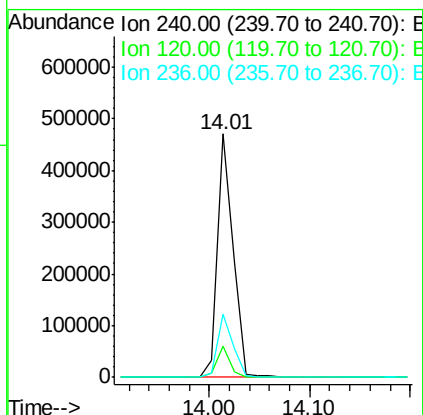
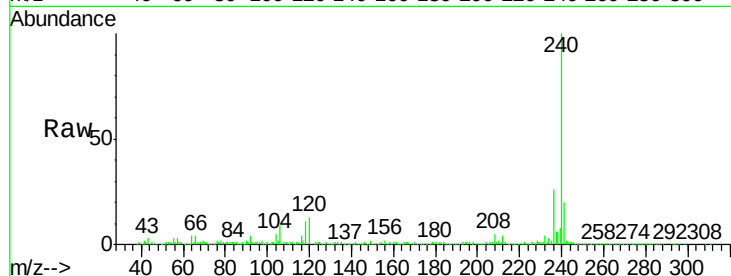




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091405.D
Acq: 2 Dec 2016 22:38

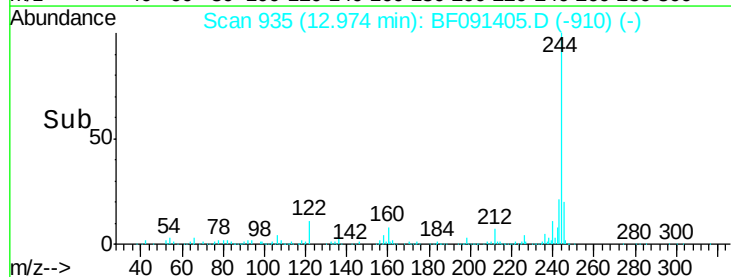
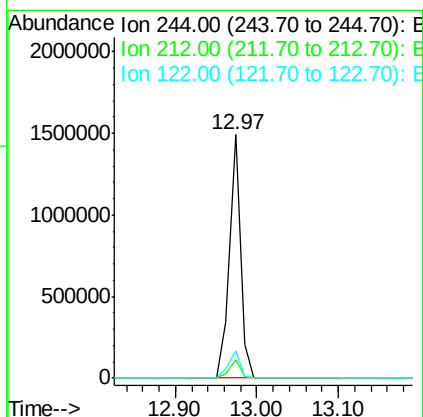
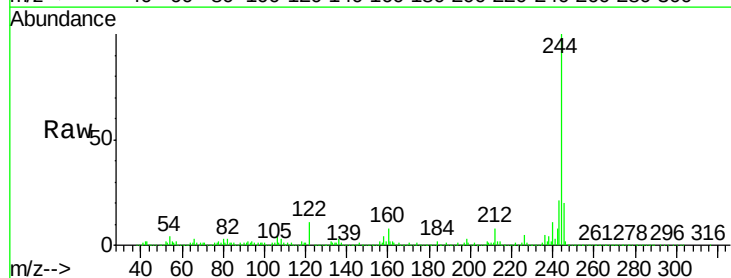
Instrument :
BNA_F
ClientSampleId :
MW-06

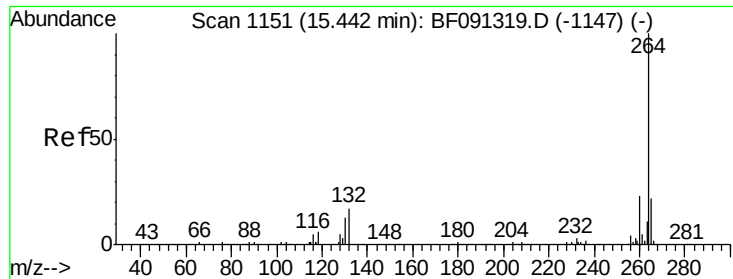
Tgt Ion:240 Resp: 503728
Ion Ratio Lower Upper
240 100
120 12.7 12.1 18.1
236 25.7 21.0 31.6



#78
Terphenyl-d14
Concen: 60.64 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091405.D
Acq: 2 Dec 2016 22:38

Tgt Ion:244 Resp: 1405291
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 11.2 9.5 14.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF091405.D
Acq: 2 Dec 2016 22:38

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion: 264 Resp: 479414
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.4 17.0 25.6

