

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091786.D
 Acq On : 19 Dec 2016 21:20
 Operator : UM/SJ
 Sample : H6011-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Dec 20 00:18:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	298336	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	1064287	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	537177	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	911973	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	731890	20.00	ng	-0.02
86) Perylene-d12	15.30	264	583024	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1018510	57.20	ng	-0.01
7) Phenol-d6	6.40	99	842794	38.81	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1281180	69.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	599638	131.64	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2475337	92.58	ng	-0.01
78) Terphenyl-d14	12.86	244	2135077	73.66	ng	-0.01

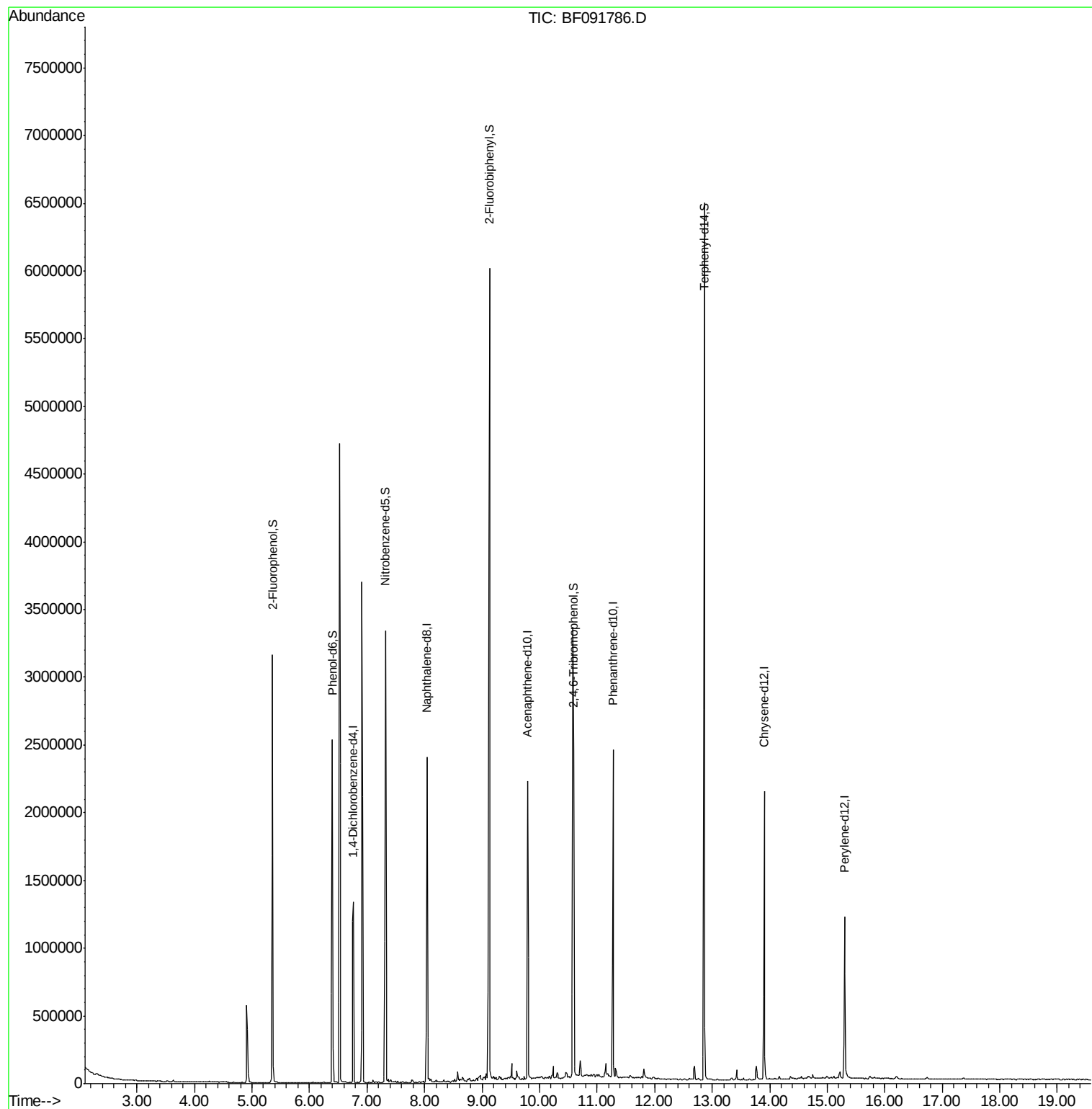
Target Compounds Qvalue

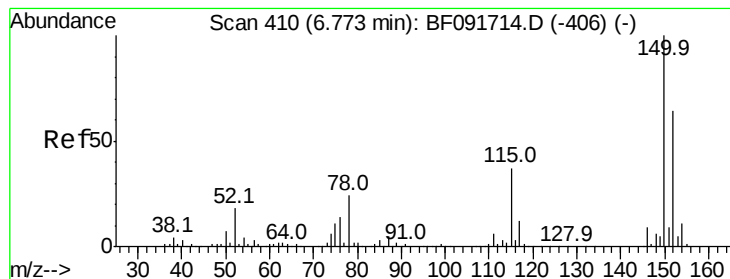
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091786.D

Acq: 19 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

MW-25

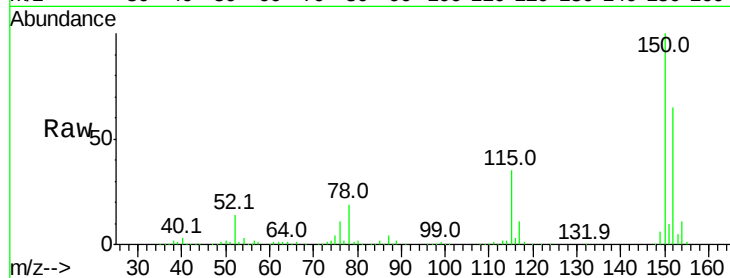
Tot Ion:152 Resp: 298336

Ion Ratio Lower Upper

152 100

150 153.1 124.9 187.3

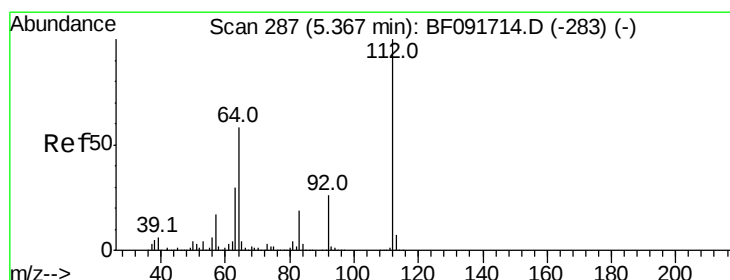
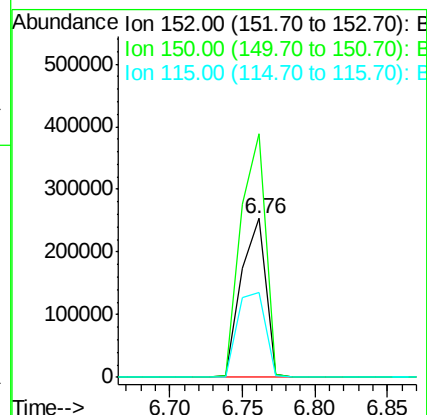
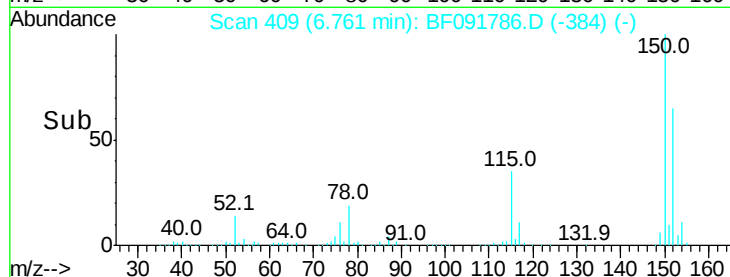
115 53.3 46.0 69.0



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: 57.20 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091786.D

Acq: 19 Dec 2016 21:20

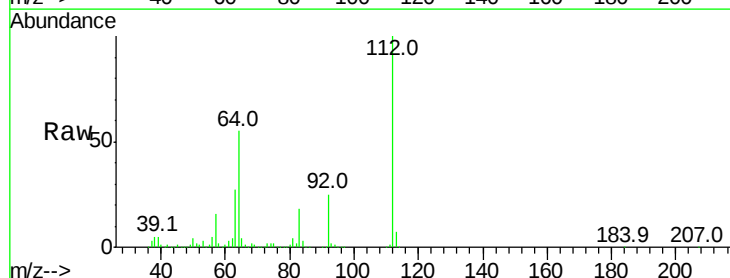
Tgt Ion:112 Resp: 1018510

Ion Ratio Lower Upper

112 100

64 55.1 46.1 69.1

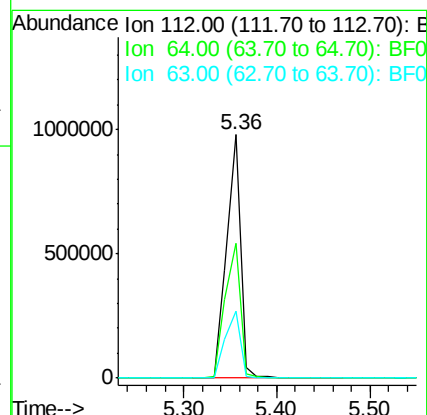
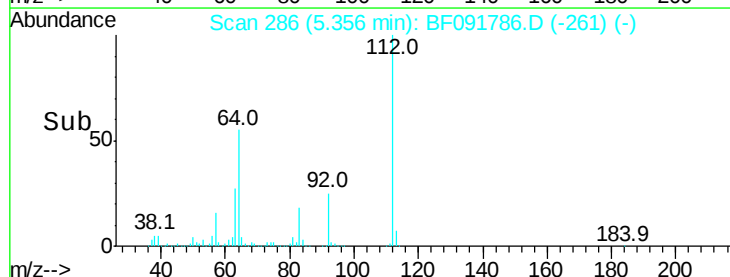
63 27.4 23.8 35.6

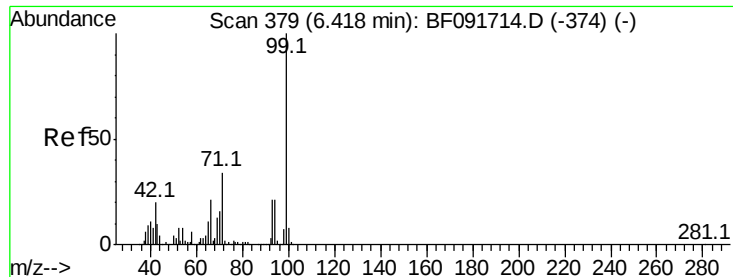


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.81 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091786.D

Acq: 19 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

MW-25

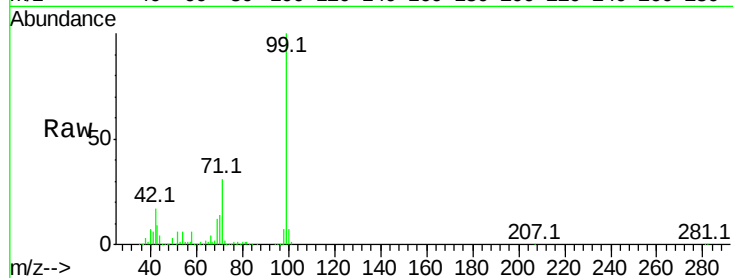
Tot Ion: 99 Resp: 842794

Ion Ratio Lower Upper

99 100

42 16.5 15.6 23.4

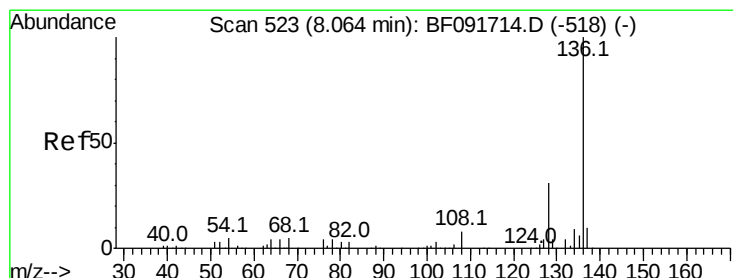
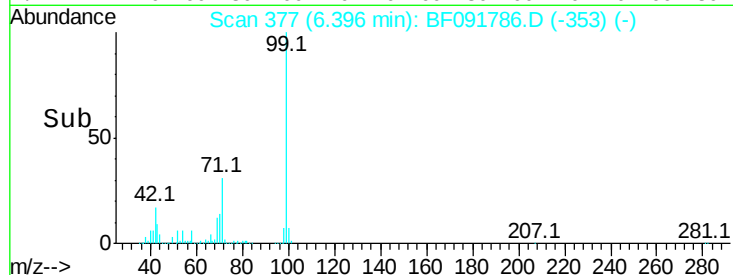
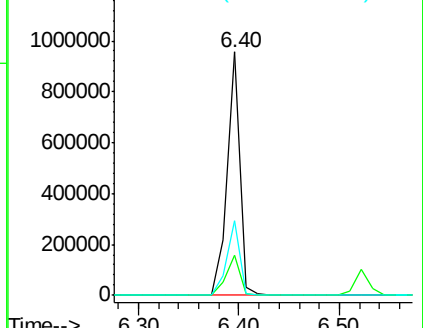
71 30.7 27.5 41.3



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: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091786.D

Acq: 19 Dec 2016 21:20

Tgt Ion: 136 Resp: 1064287

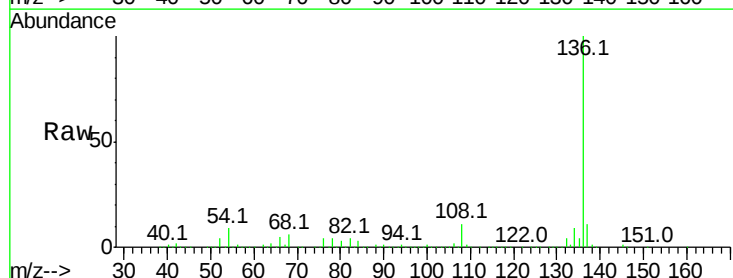
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.5 4.5 6.7#

68 6.5 3.6 5.4#

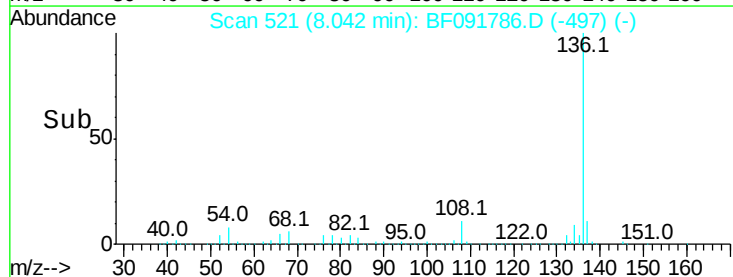
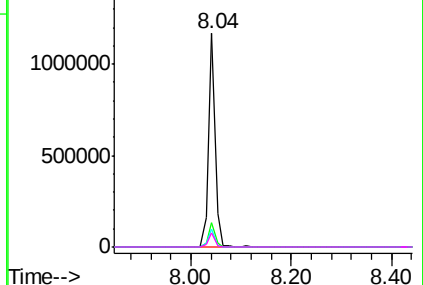


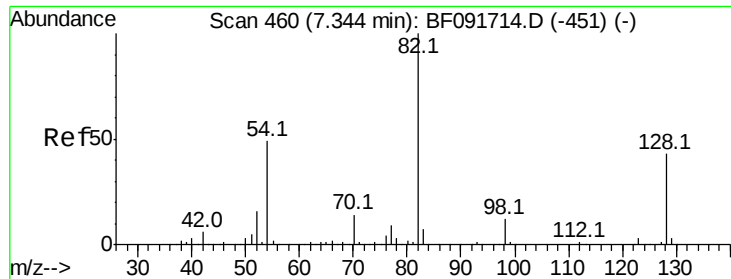
Abundance Ion 136.00 (135.70 to 136.70): E

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



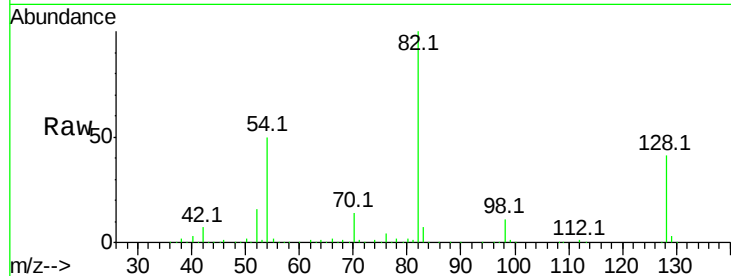


#23
 Nitrobenzene-d5
 Concen: 69.42 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091786.D
 Acq: 19 Dec 2016 21:20

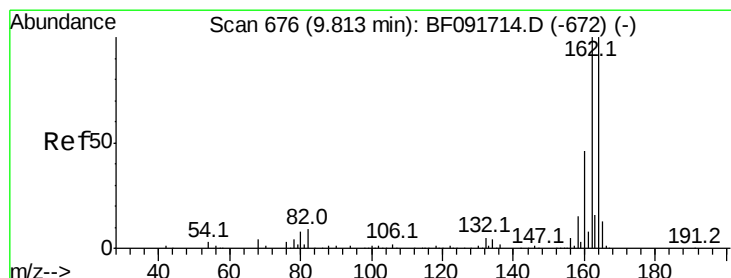
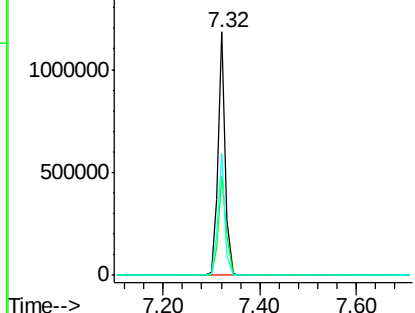
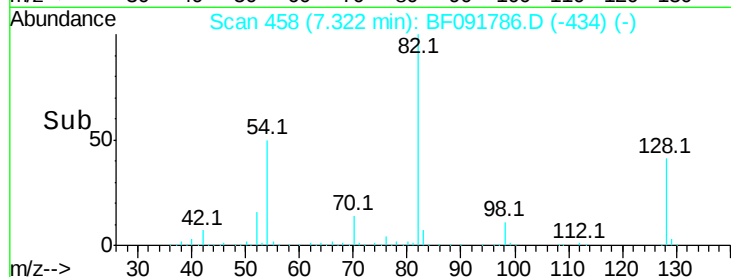
Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tot Ion: 82 Resp: 1281180

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	50.3	39.5	59.3



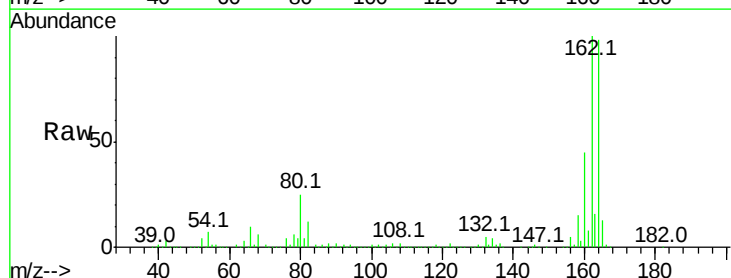
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



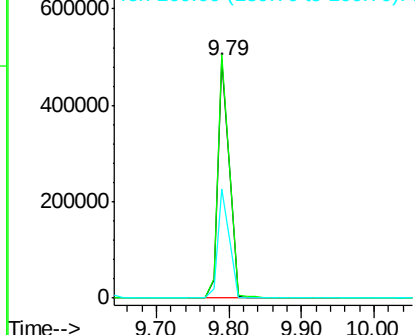
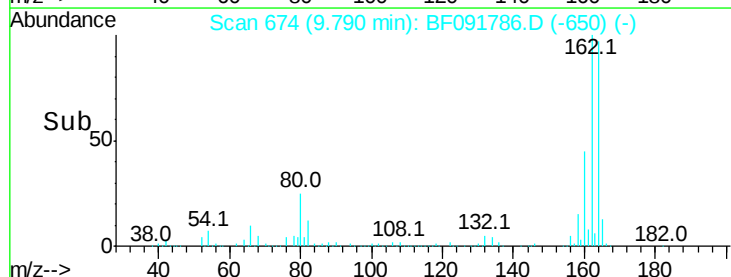
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF091786.D
 Acq: 19 Dec 2016 21:20

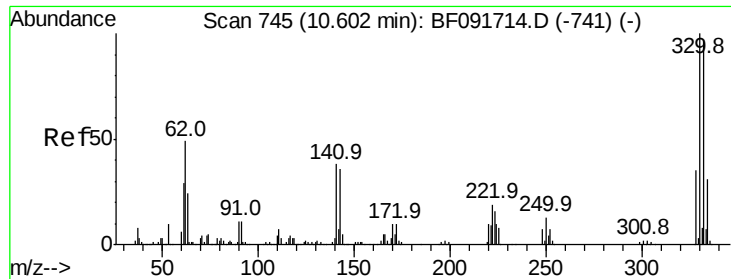
Tgt Ion:164 Resp: 537177

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	46.0	36.9	55.3



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

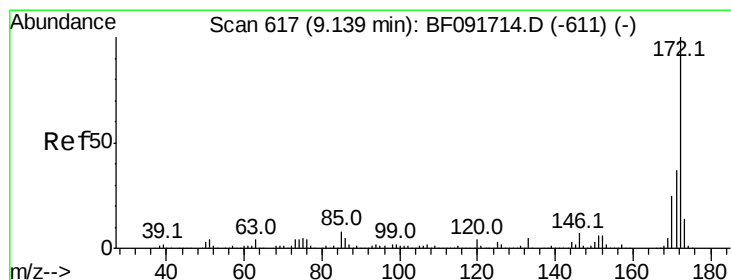
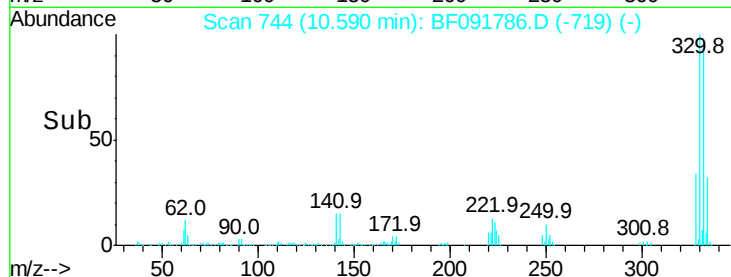
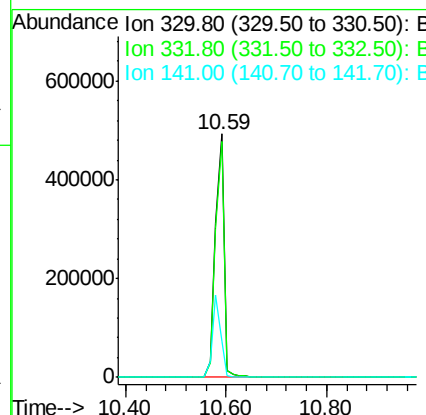
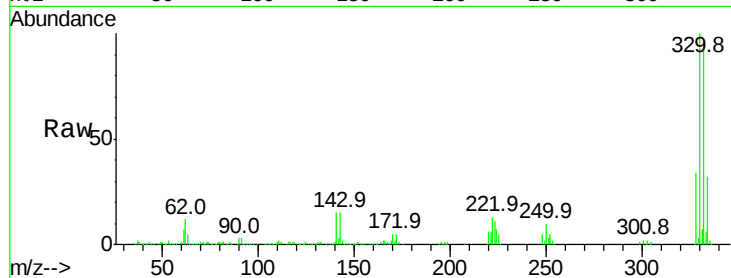




#41
 2,4,6-Tribromophenol
 Concen: 131.64 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091786.D
 Acq: 19 Dec 2016 21:20

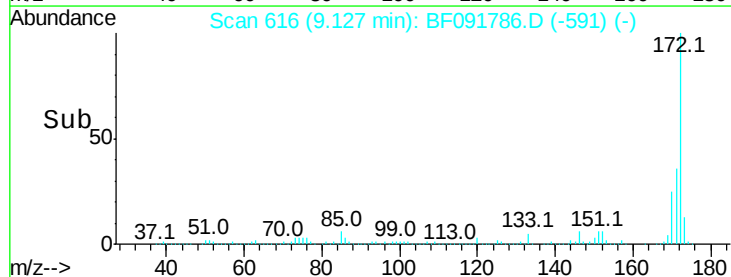
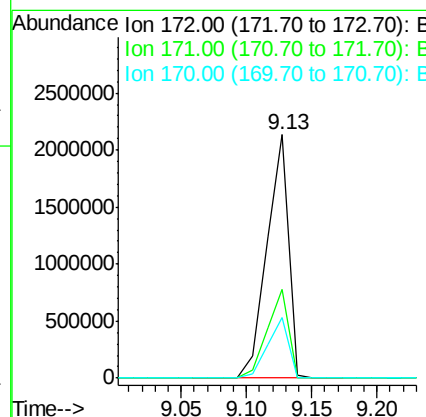
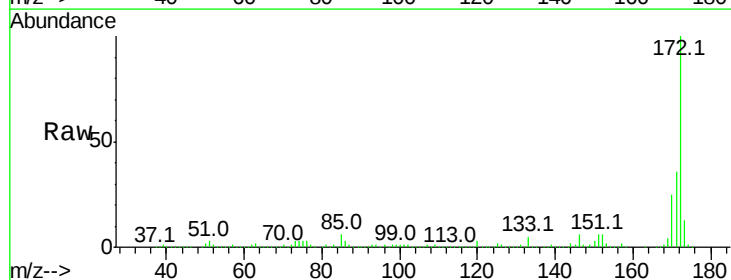
Instrument :
 BNA_F
 ClientSampleId :
 MW-25

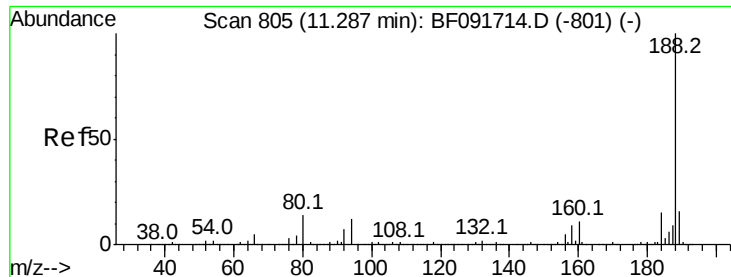
Tot Ion:330 Resp: 599638
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 32.5 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 92.58 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091786.D
 Acq: 19 Dec 2016 21:20

Tgt Ion:172 Resp: 2475337
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 20.2 30.4

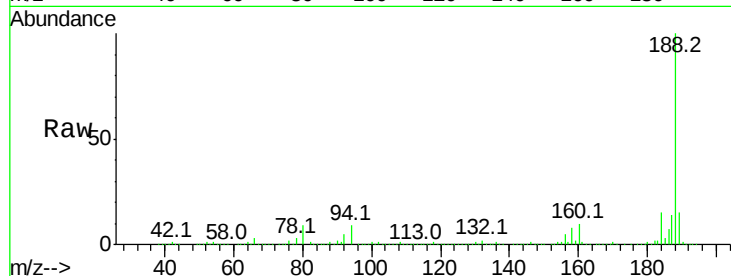




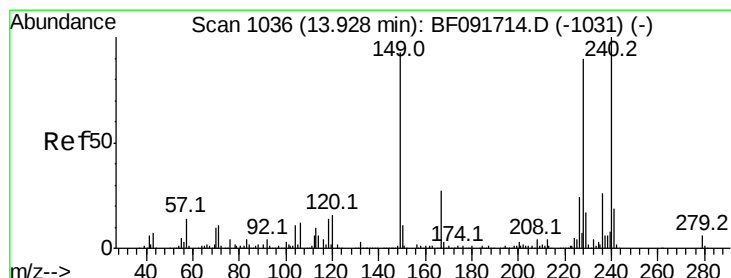
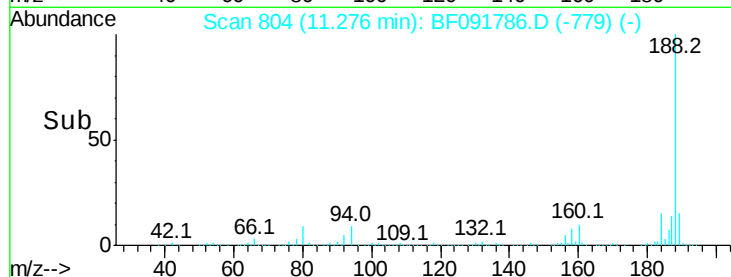
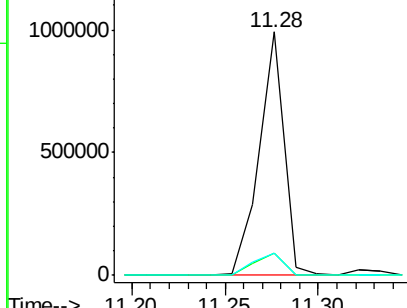
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091786.D
Acq: 19 Dec 2016 21:20

Instrument :
BNA_F
ClientSampled :
MW-25

Tot Ion:188 Resp: 911973
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.1 11.2 16.8#

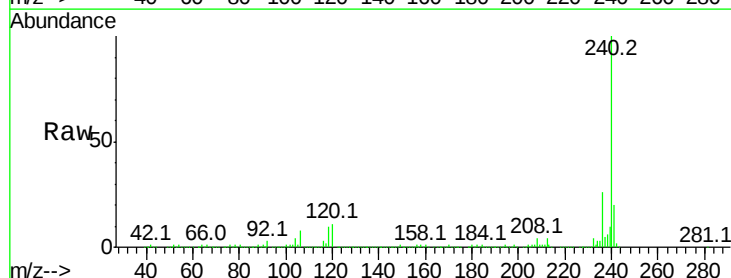


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

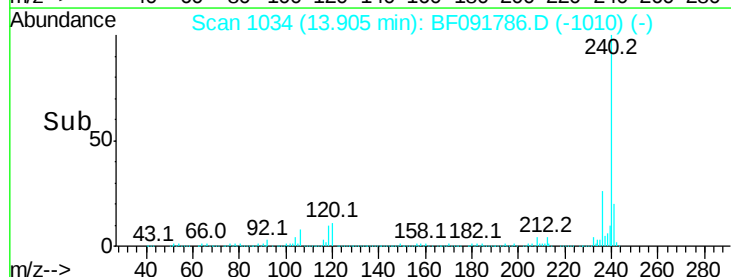
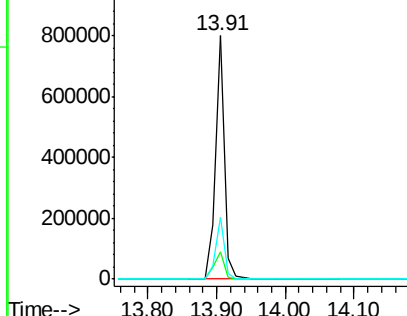


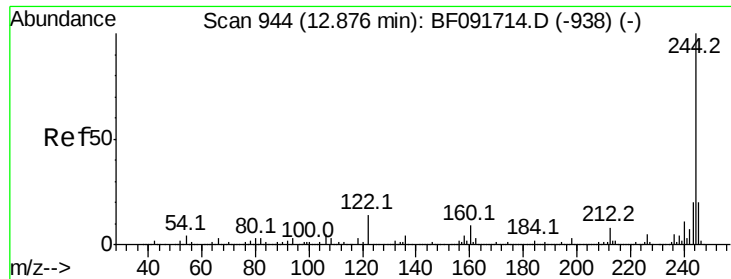
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091786.D
Acq: 19 Dec 2016 21:20

Tgt Ion:240 Resp: 731890
Ion Ratio Lower Upper
240 100
120 11.0 12.9 19.3#
236 25.6 20.9 31.3



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

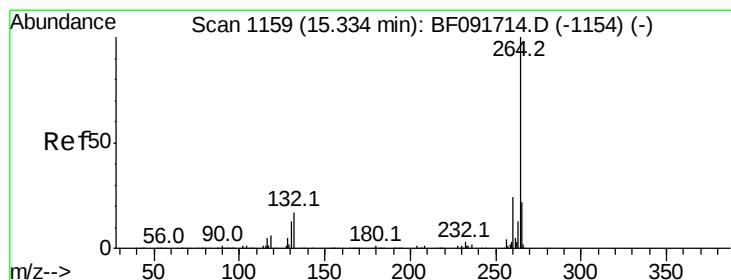
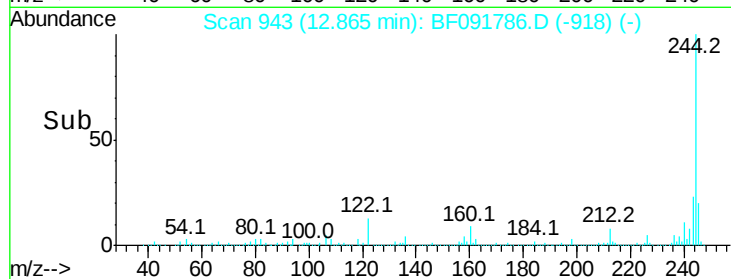
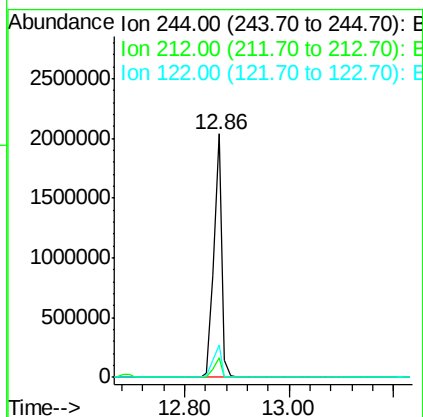
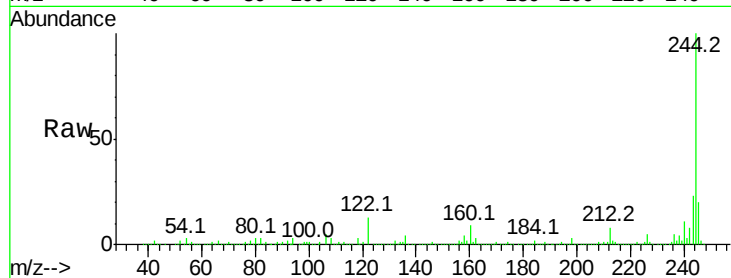




#78
 Terphenyl-d14
 Concen: 73.66 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091786.D
 Acq: 19 Dec 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tot Ion:244 Resp: 2135077
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.4 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF091786.D
 Acq: 19 Dec 2016 21:20

Tgt Ion:264 Resp: 583024
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 17.4 26.0

