

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091147.D
 Acq On : 11 Nov 2016 18:30
 Operator : UM/SJ
 Sample : H5609-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Nov 12 00:06:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	161111	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	719351	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	374282	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	580092	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	480102	20.00	ng	-0.03
86) Perylene-d12	15.15	264	364521	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	661661	67.83	ng	-0.01
7) Phenol-d6	6.29	99	555953	41.99	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1354905	102.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	542982	160.47	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2139186	98.40	ng	-0.02
78) Terphenyl-d14	12.74	244	2128249	110.62	ng	-0.02

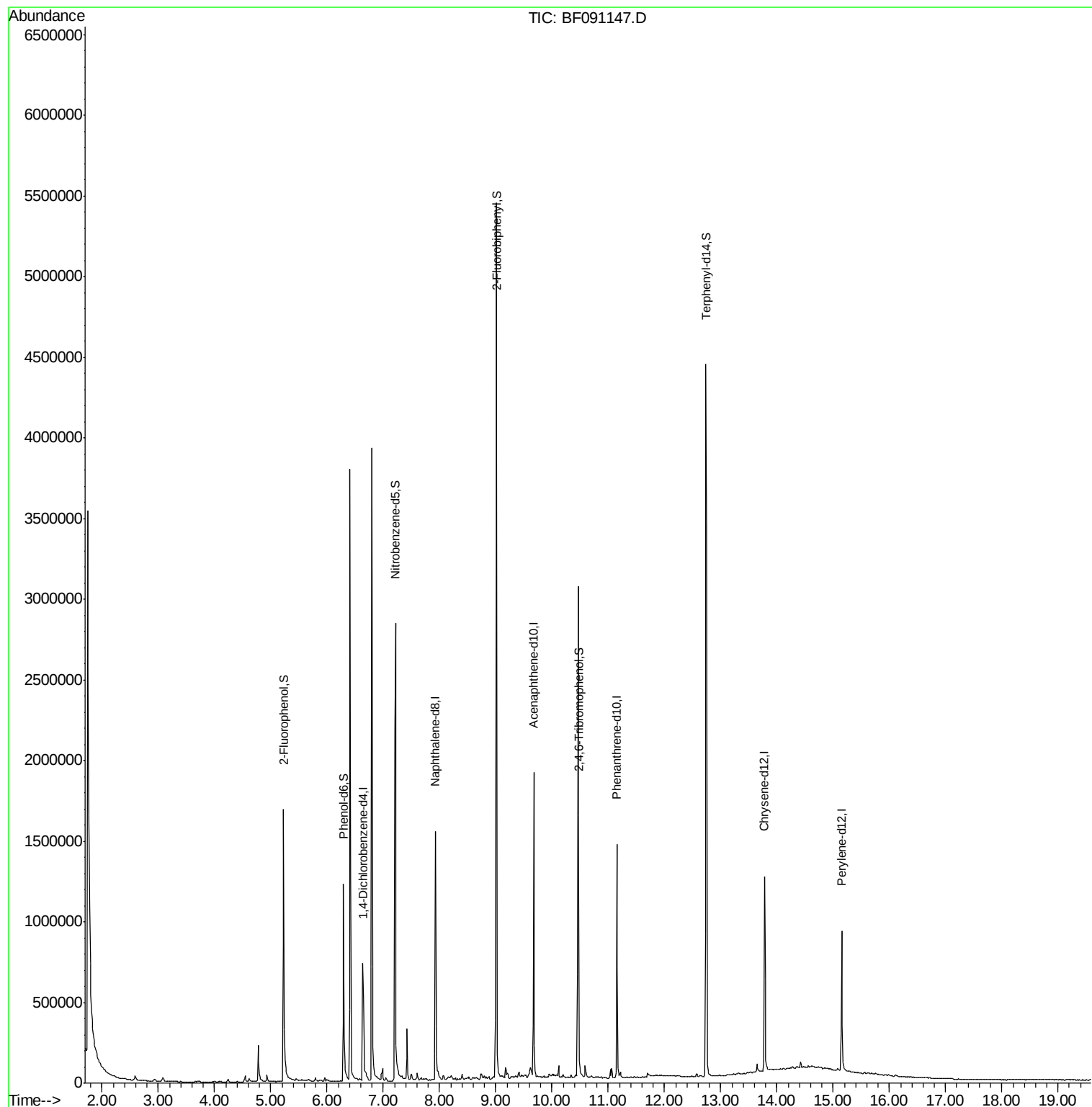
Target Compounds Qvalue

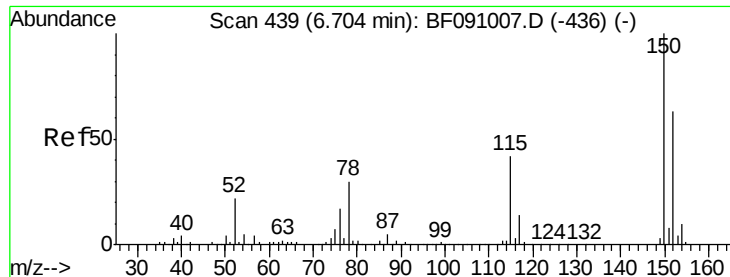
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 08 12:59:29 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF091147.D

Acq: 11 Nov 2016 18:30

Instrument :

BNA_F

ClientSampleId :

MW-16

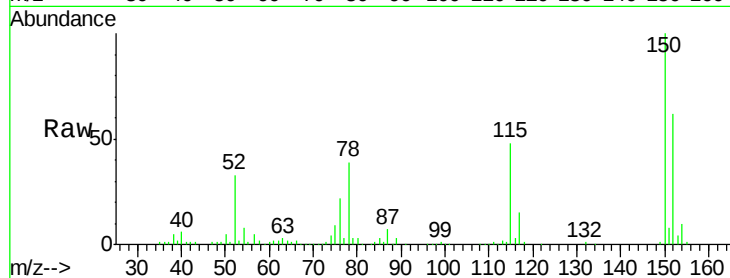
Tot Ion:152 Resp: 161111

Ion Ratio Lower Upper

152 100

150 162.4 126.8 190.2

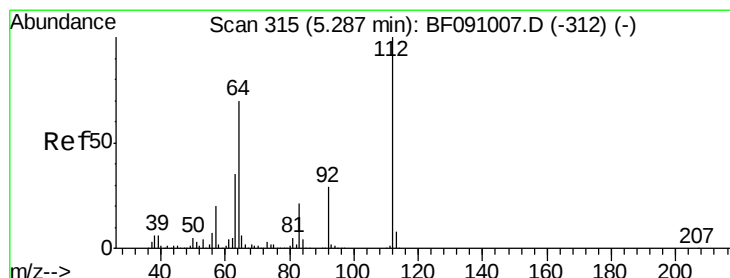
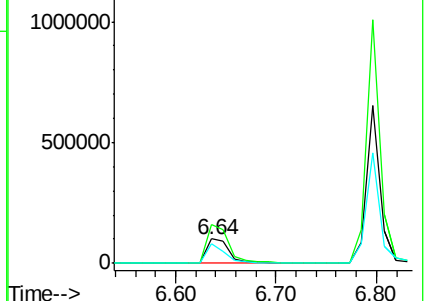
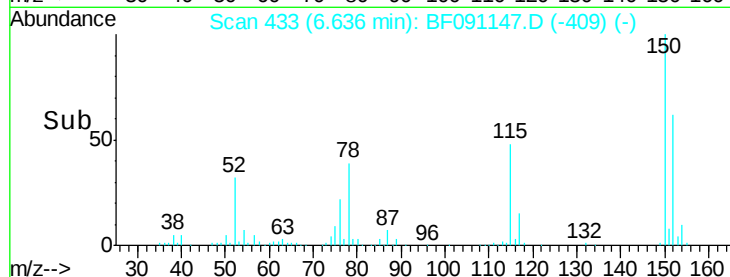
115 78.3 53.3 79.9



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: 67.83 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091147.D

Acq: 11 Nov 2016 18:30

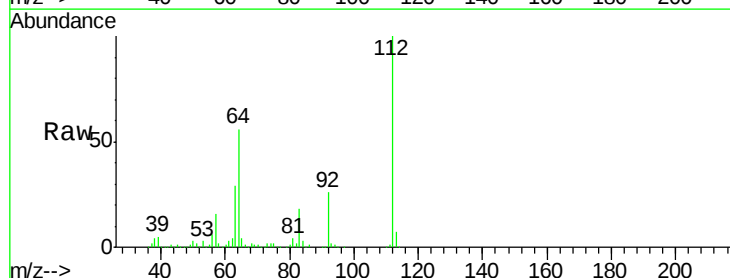
Tgt Ion:112 Resp: 661661

Ion Ratio Lower Upper

112 100

64 55.9 55.8 83.6

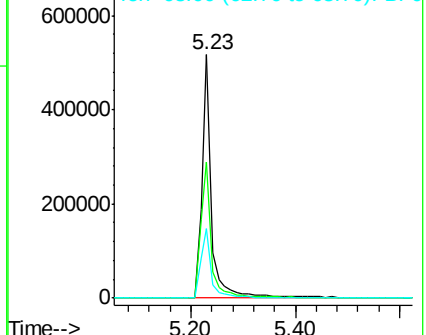
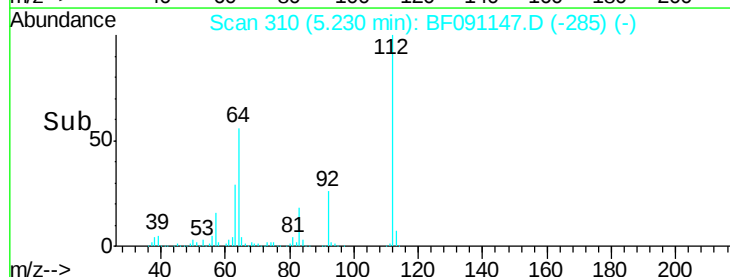
63 28.8 28.0 42.0

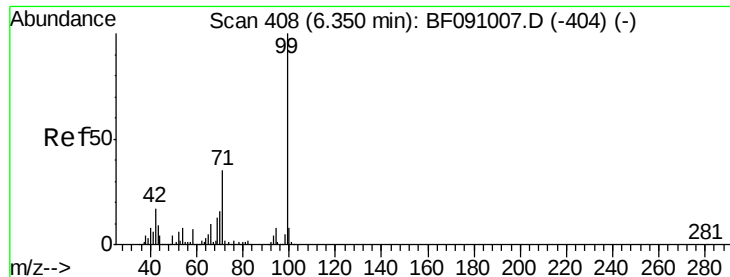


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.99 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091147.D

Acq: 11 Nov 2016 18:30

Instrument :

BNA_F

ClientSampleId :

MW-16

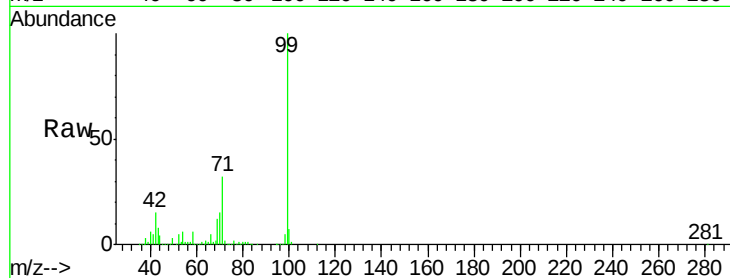
Tot Ion: 99 Resp: 555953

Ion Ratio Lower Upper

99 100

42 14.8 13.9 20.9

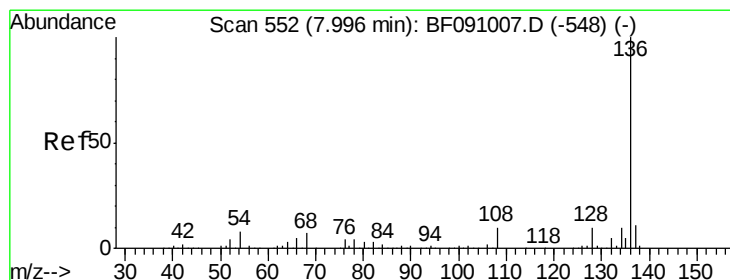
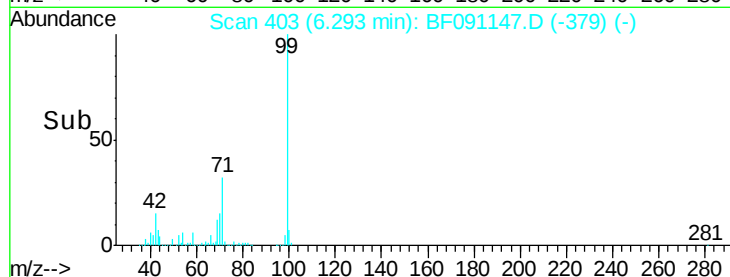
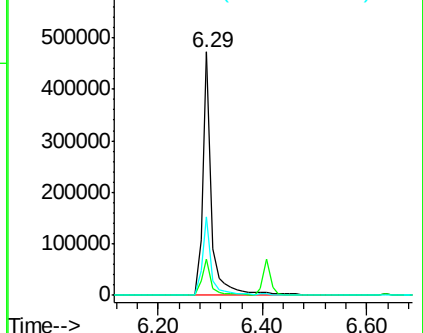
71 32.1 27.8 41.8



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: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091147.D

Acq: 11 Nov 2016 18:30

Tgt Ion: 136 Resp: 719351

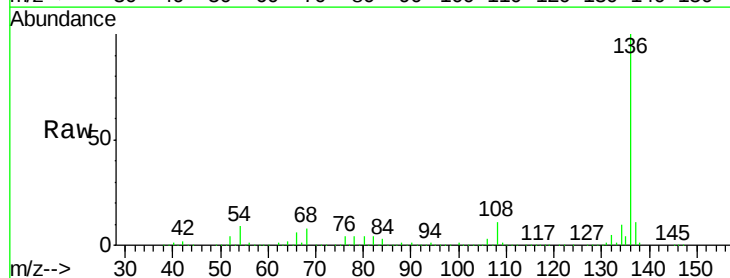
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.9 6.2 9.2

68 7.7 5.5 8.3

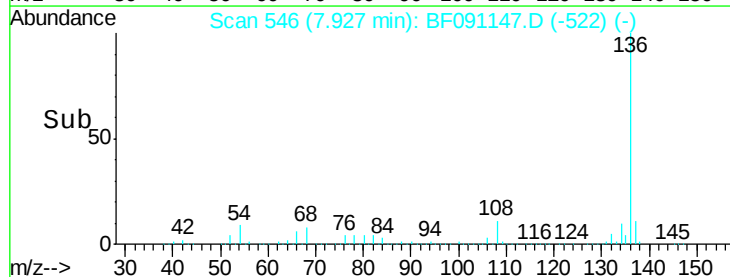
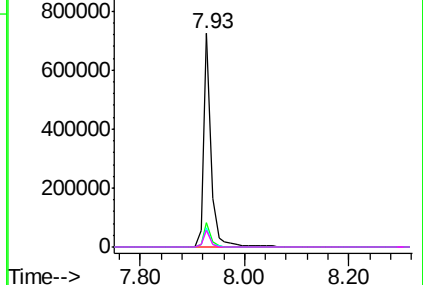


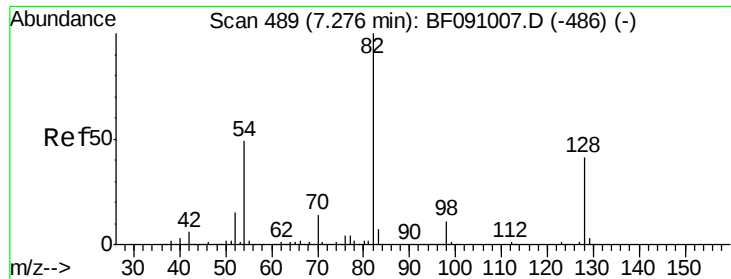
Abundance Ion 136.00 (135.70 to 136.70): E

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



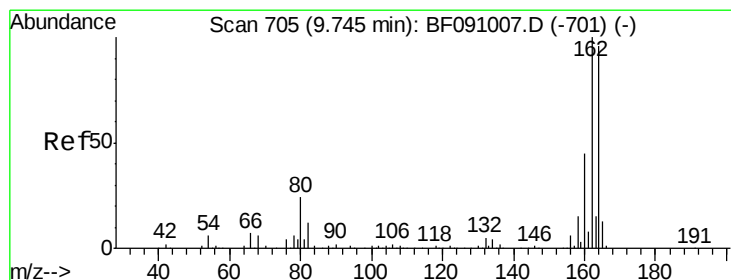
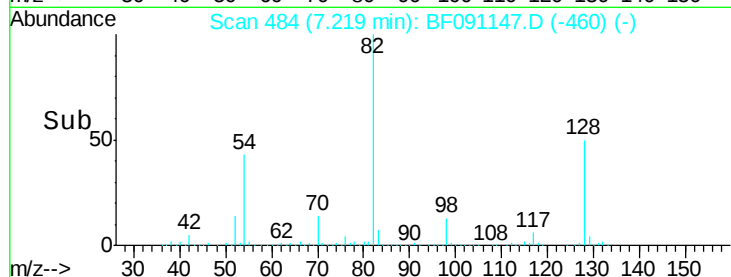
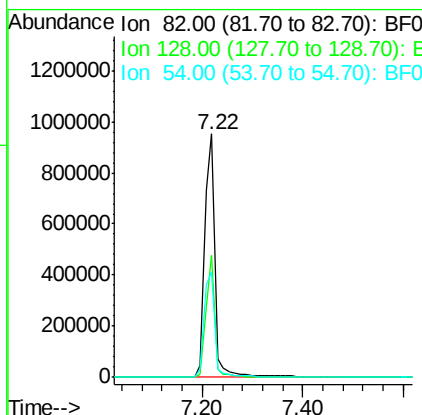
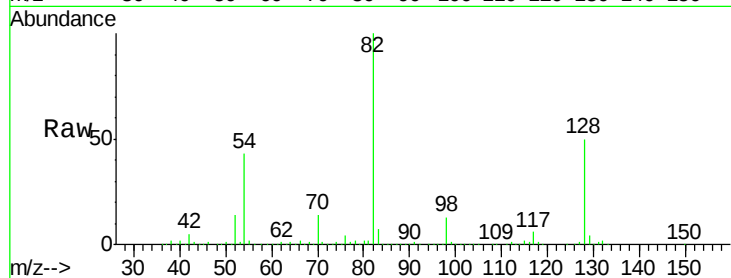


#23
 Nitrobenzene-d5
 Concen: 102.75 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091147.D
 Acq: 11 Nov 2016 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion: 82 Resp: 1354905

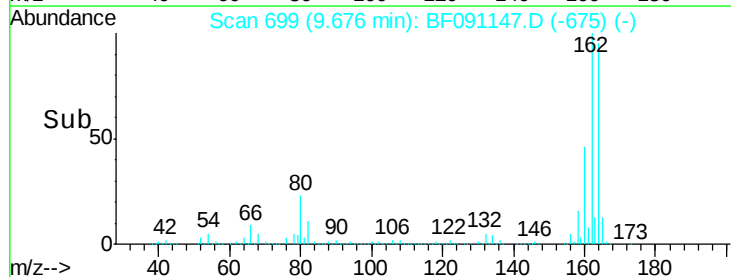
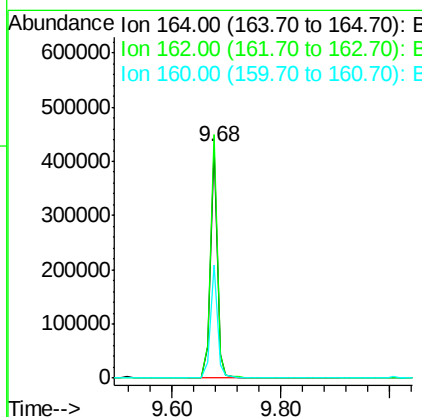
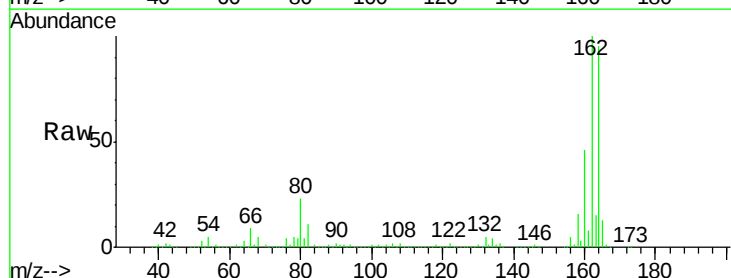
Ion	Ratio	Lower	Upper
82	100		
128	50.3	32.4	48.6#
54	43.0	39.2	58.8

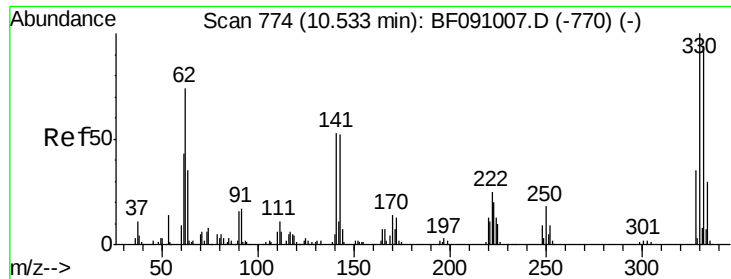


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF091147.D
 Acq: 11 Nov 2016 18:30

Tgt Ion:164 Resp: 374282

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.6	125.4
160	48.9	37.9	56.9

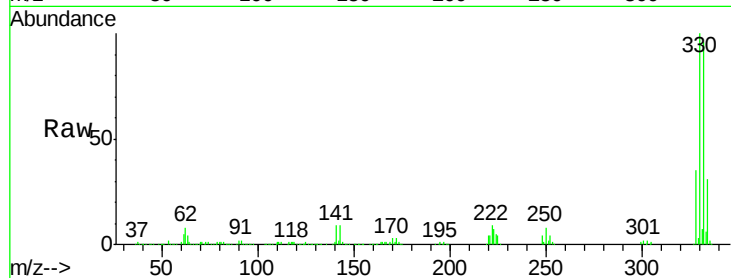




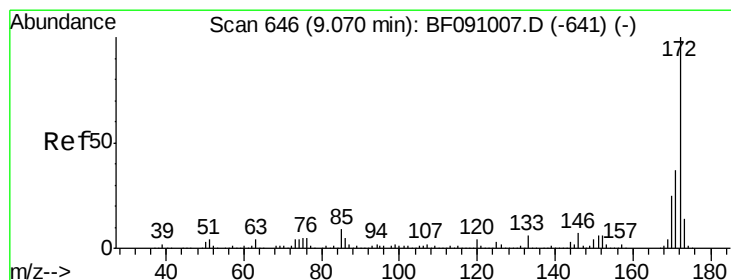
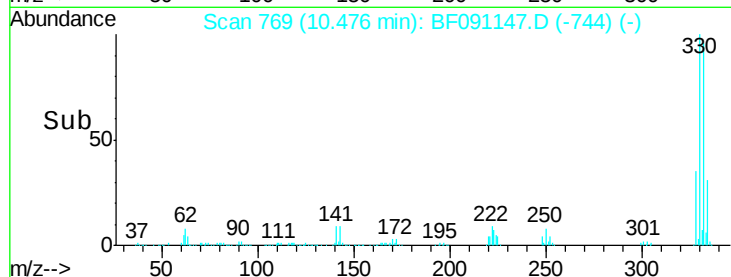
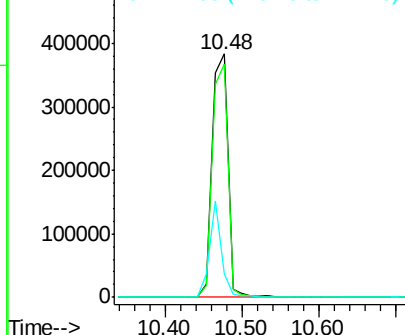
#41
 2,4,6-Tribromophenol
 Concen: 160.47 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091147.D
 Acq: 11 Nov 2016 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:330 Resp: 542982
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.9 113.9
 141 30.2 36.1 54.1#

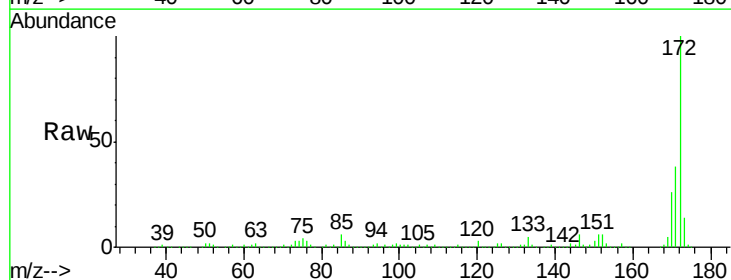


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

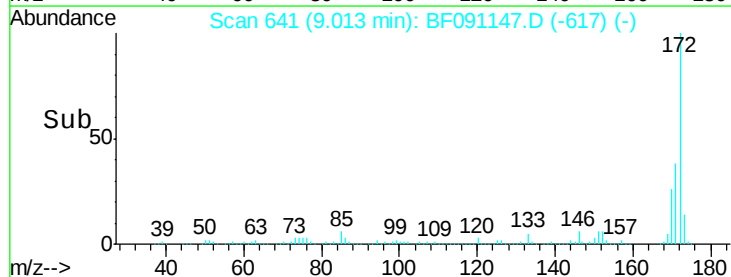
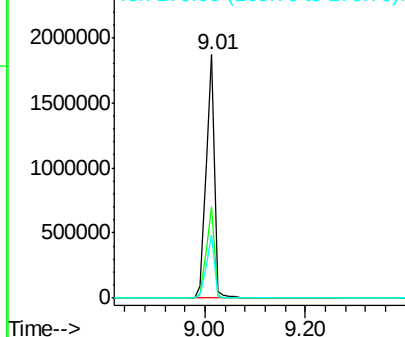


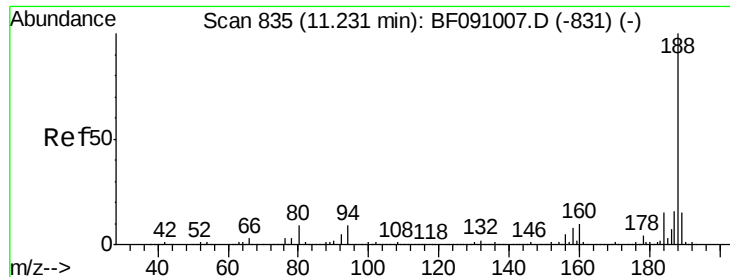
#44
 2-Fluorobiphenyl
 Concen: 98.40 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091147.D
 Acq: 11 Nov 2016 18:30

Tgt Ion:172 Resp: 2139186
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 26.1 20.3 30.5



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

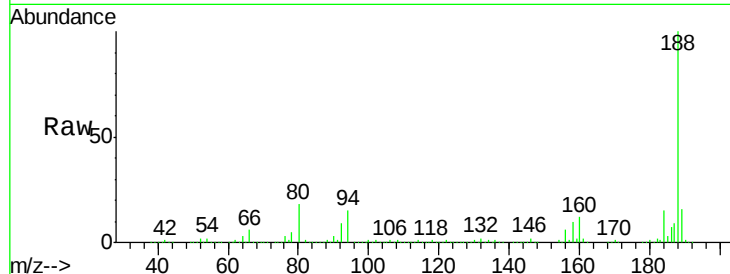




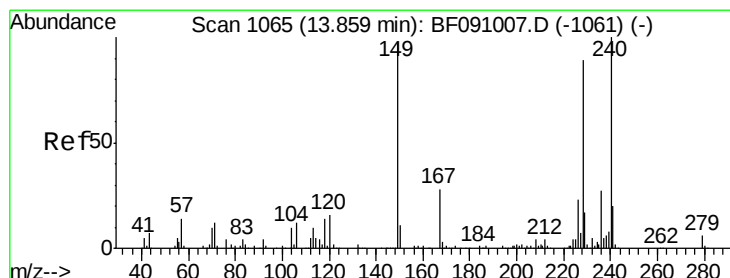
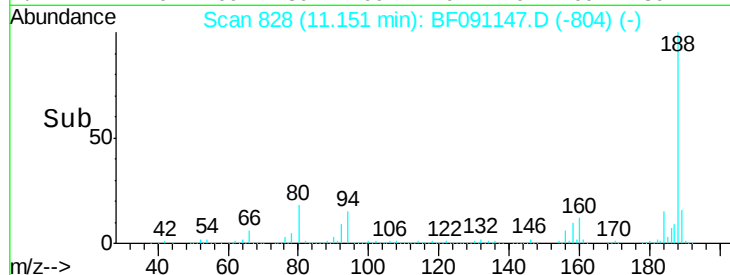
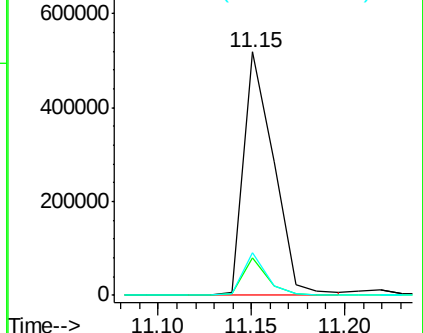
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Instrument :
BNA_F
ClientSampleId :
MW-16

Tot Ion:188 Resp: 580092
Ion Ratio Lower Upper
188 100
94 15.2 7.0 10.4#
80 17.6 7.5 11.3#

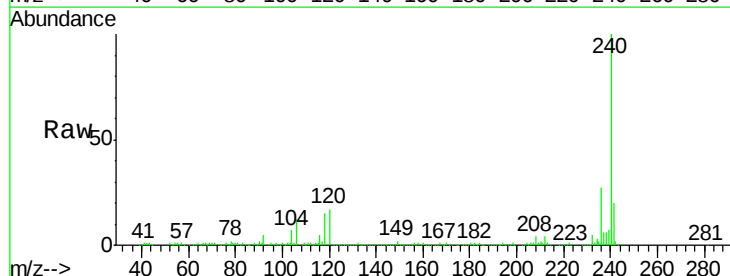


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

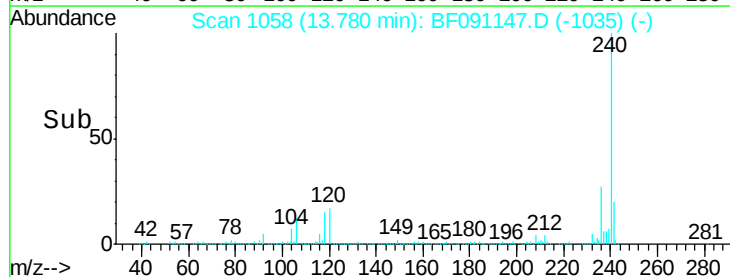
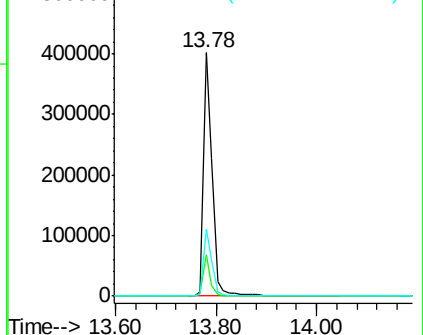


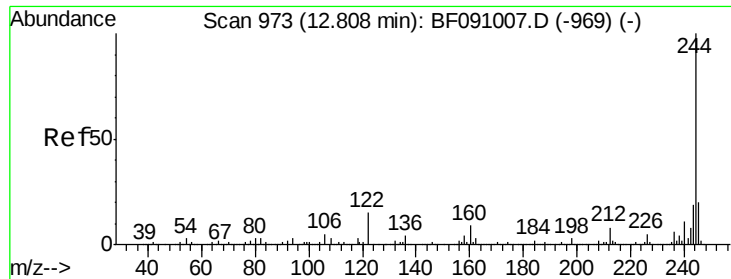
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Tgt Ion:240 Resp: 480102
Ion Ratio Lower Upper
240 100
120 16.7 12.9 19.3
236 27.5 21.9 32.9



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

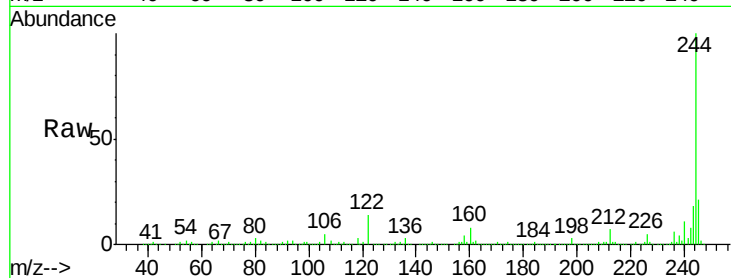




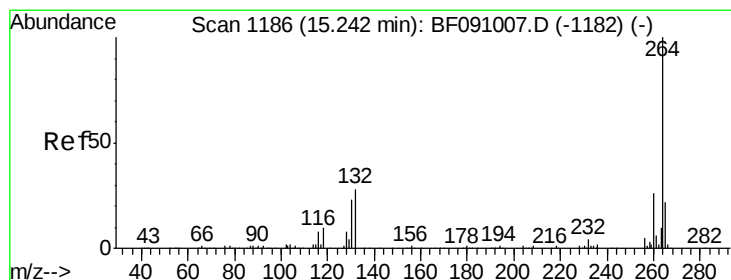
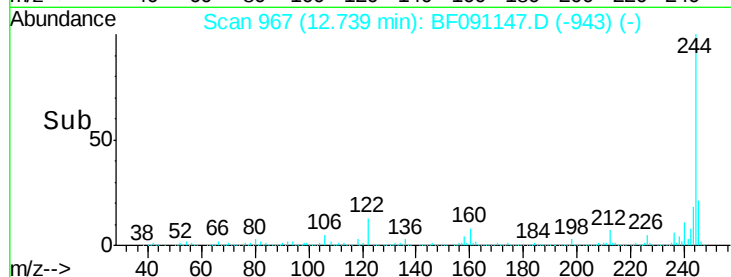
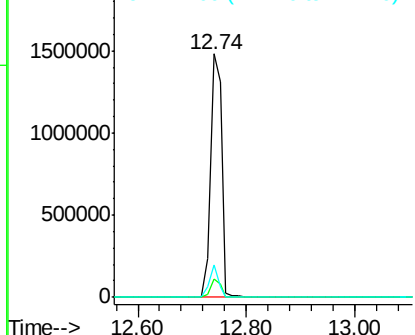
#78
 Terphenyl-d14
 Concen: 110.62 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091147.D
 Acq: 11 Nov 2016 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:244 Resp: 2128249
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 13.5 12.3 18.5

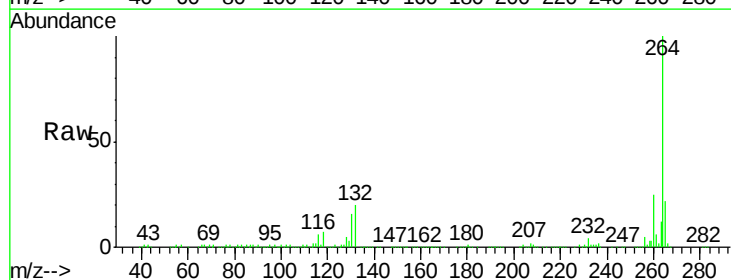


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091147.D
 Acq: 11 Nov 2016 18:30

Tgt Ion:264 Resp: 364521
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 30.8
 265 21.9 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

