

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092355.D
 Acq On : 18 Jan 2017 17:07
 Operator : UM/SJ
 Sample : I1260-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMP

Quant Time: Jan 19 02:47:11 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	135050	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	541724	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	276415	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	436073	20.00	ng	0.00
75) Chrysene-d12	13.69	240	275121	20.00	ng	-0.01
86) Perylene-d12	15.03	264	252612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1226164	151.60	ng	0.01
7) Phenol-d6	6.21	99	1275566	129.17	ng	-0.01
23) Nitrobenzene-d5	7.11	82	915761	94.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	382830	167.35	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	1639496	128.06	ng	-0.01
78) Terphenyl-d14	12.65	244	1495389	131.82	ng	0.00

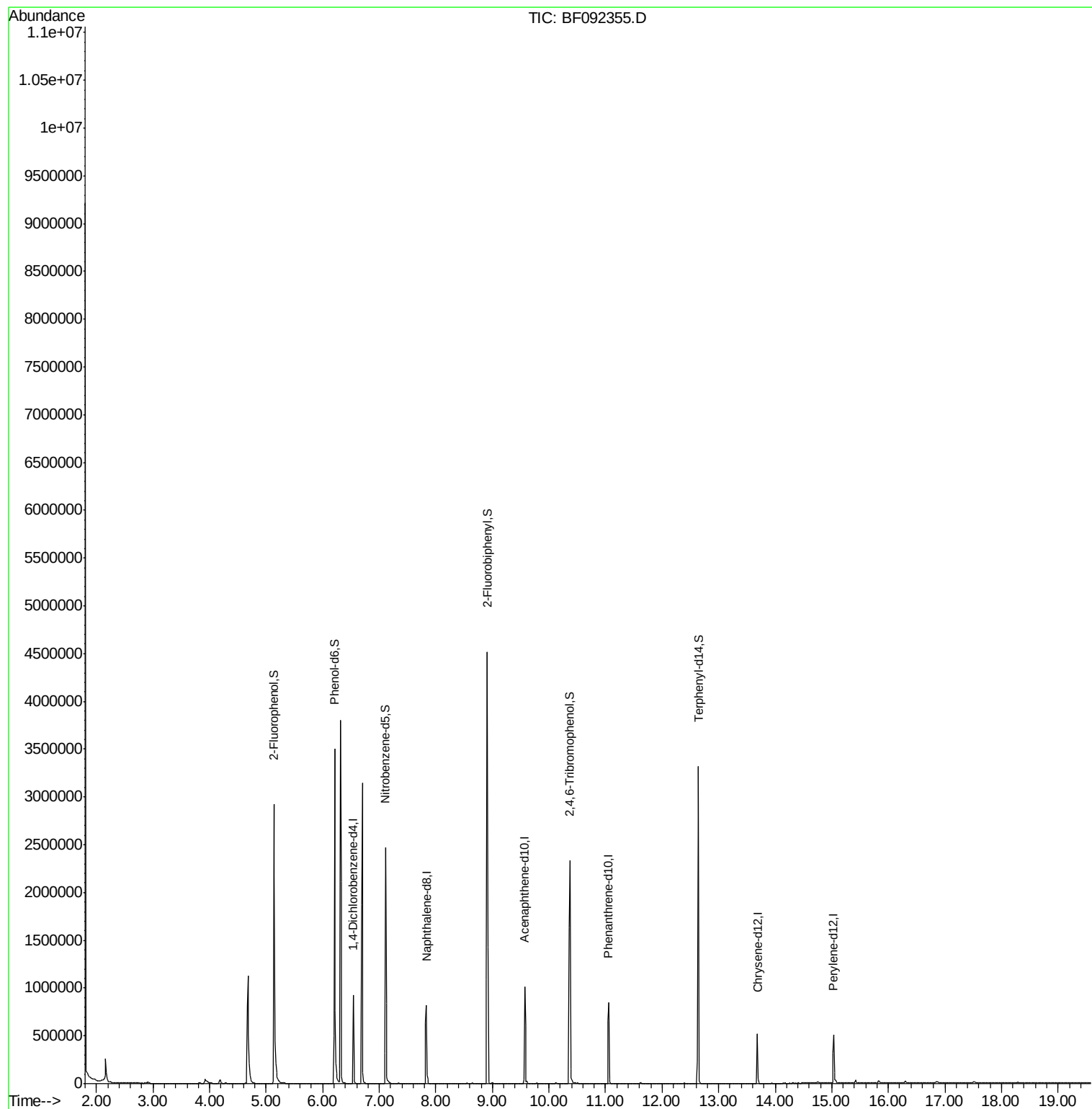
Target Compounds	Qvalue
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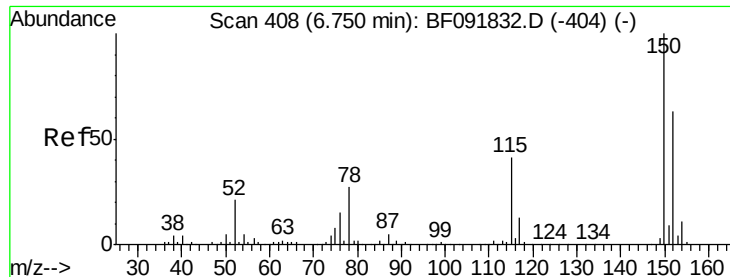
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF092355.D

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BNA_F

ClientSampleId :

MH-0-12FT-COMP

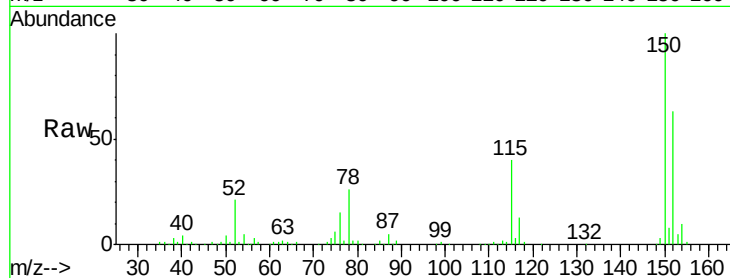
Tgt Ion:152 Resp: 135050

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

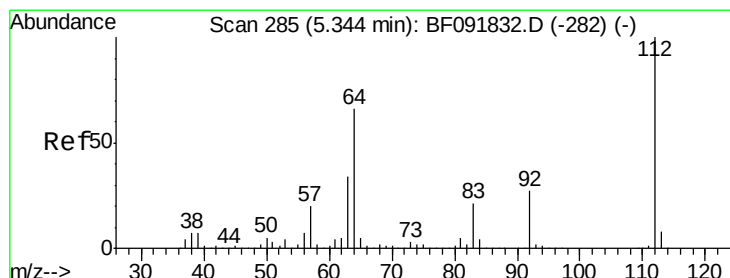
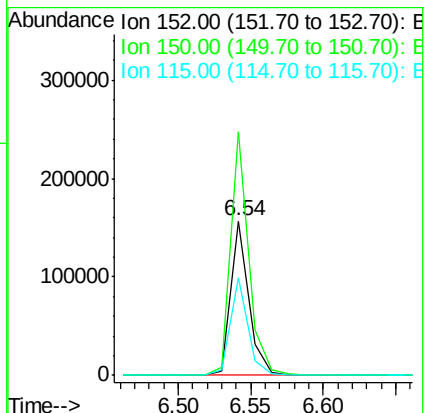
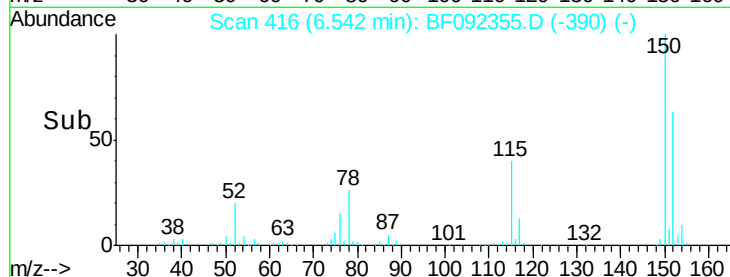
115 63.1 46.0 69.0



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: 151.60 ng

RT: 5.14 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

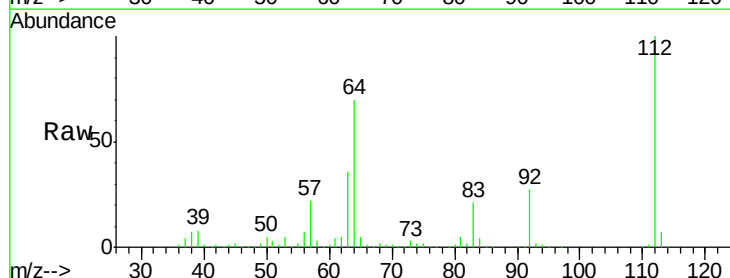
Tgt Ion:112 Resp: 1226164

Ion Ratio Lower Upper

112 100

64 70.4 46.1 69.1#

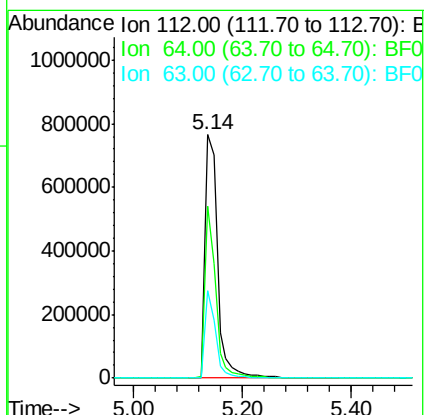
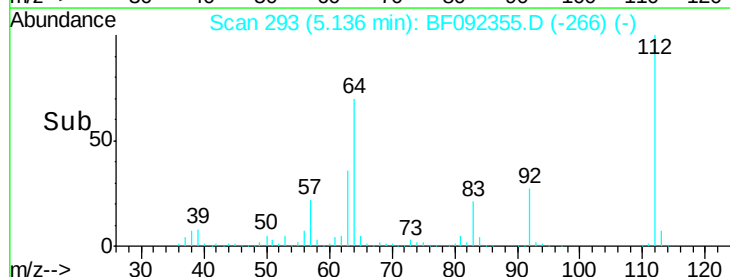
63 35.7 23.8 35.6#

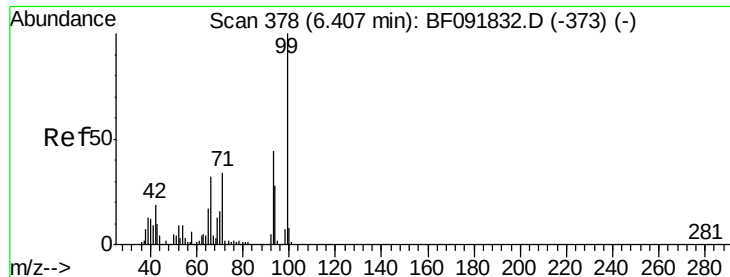


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.17 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMP

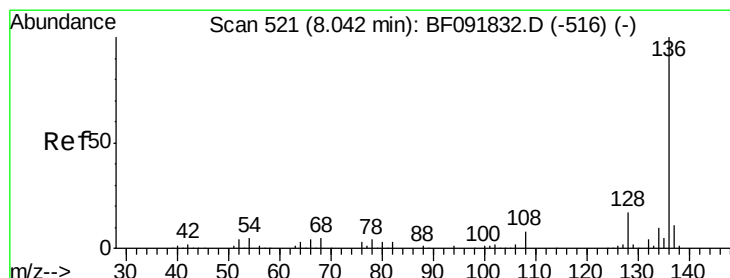
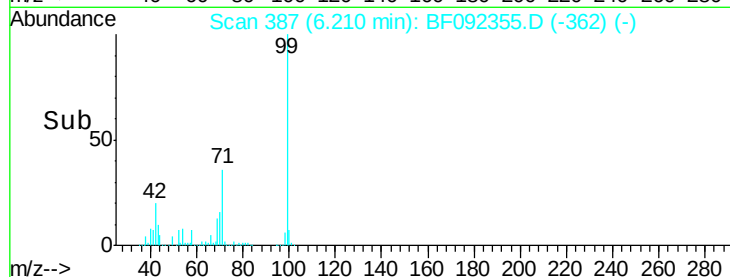
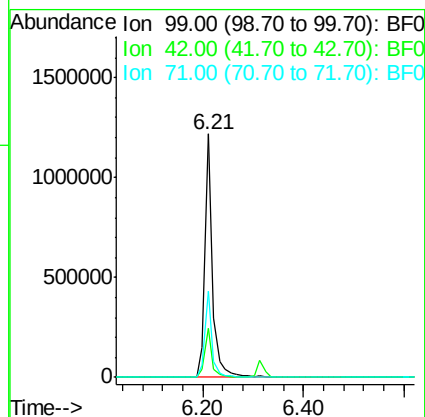
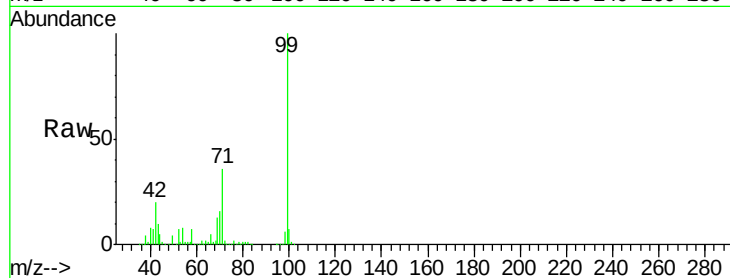
Tgt Ion: 99 Resp: 1275566

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

71 35.6 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF092355.D

Acq: 18 Jan 2017 17:07

Tgt Ion: 136 Resp: 541724

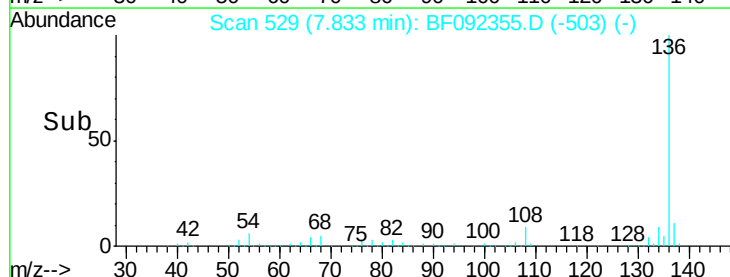
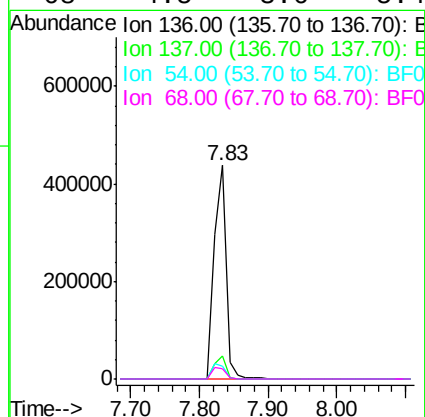
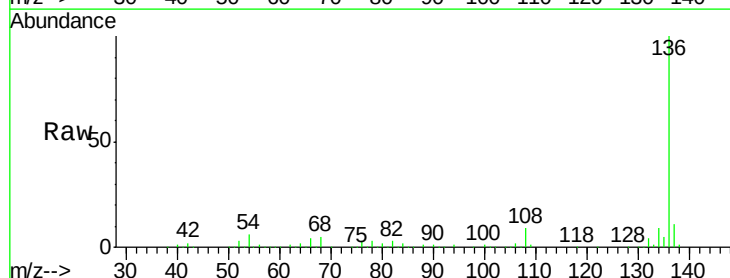
Ion Ratio Lower Upper

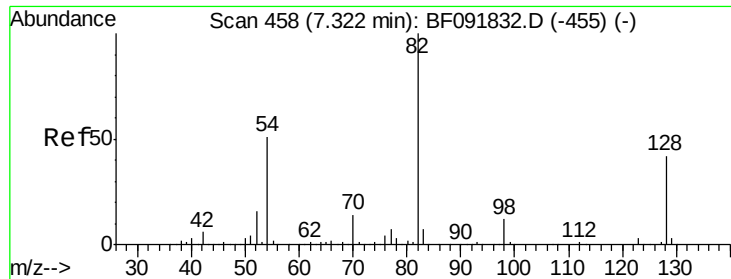
136 100

137 10.7 8.4 12.6

54 6.1 4.5 6.7

68 4.5 3.6 5.4

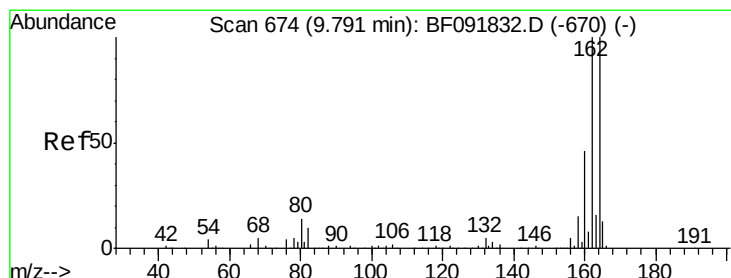
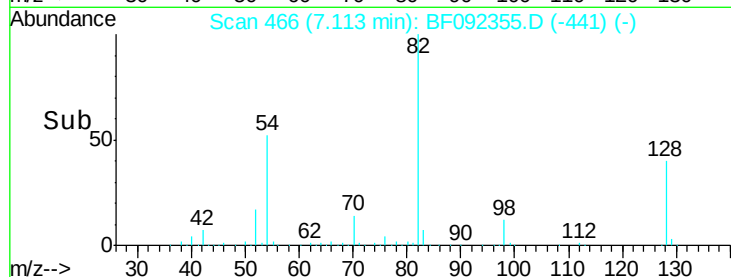
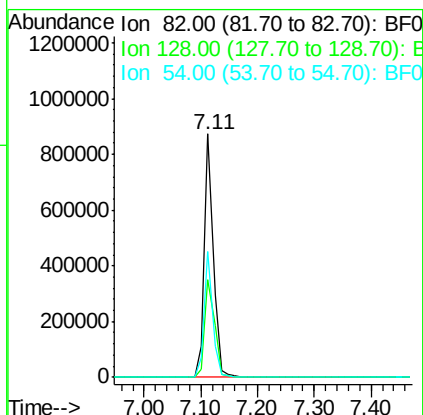
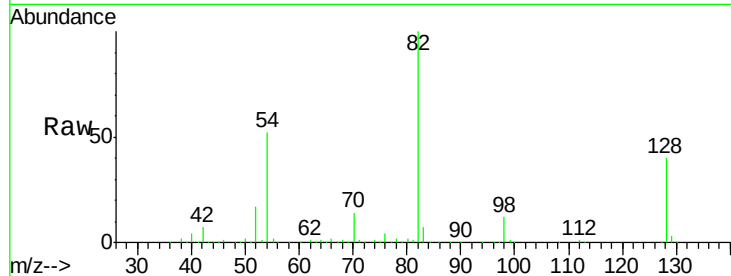




#23
 Nitrobenzene-d5
 Concen: 94.00 ng
 RT: 7.11 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

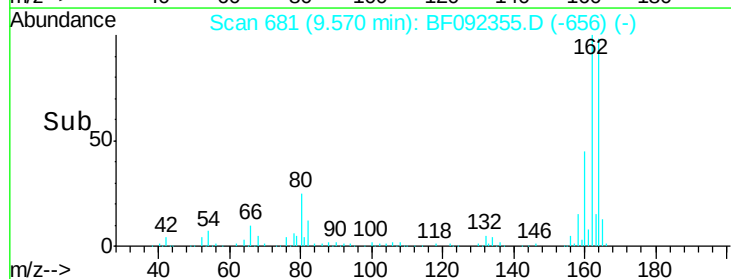
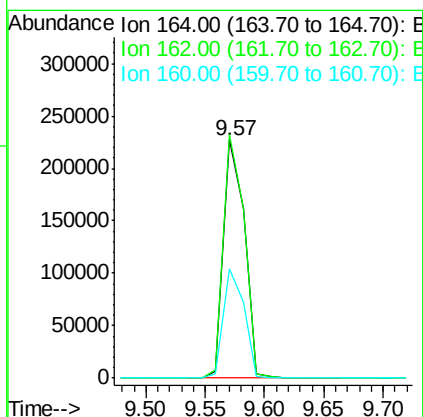
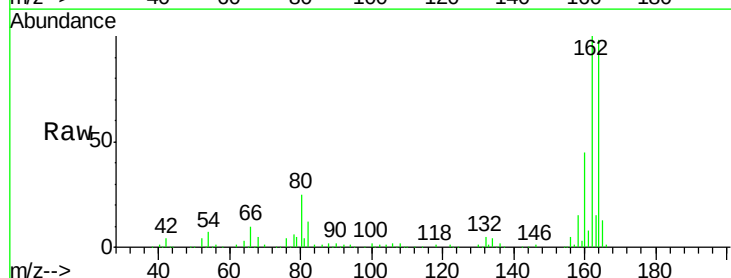
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMP

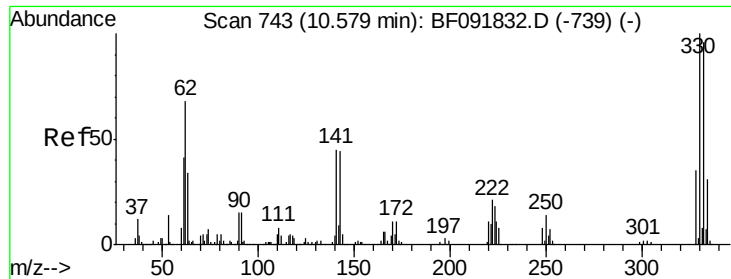
Tgt Ion: 82 Resp: 915761
 Ion Ratio Lower Upper
 82 100
 128 39.9 34.6 52.0
 54 51.7 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

Tgt Ion: 164 Resp: 276415
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.2 120.2
 160 45.6 36.9 55.3

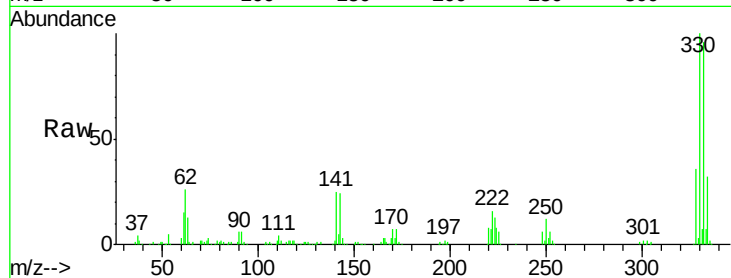




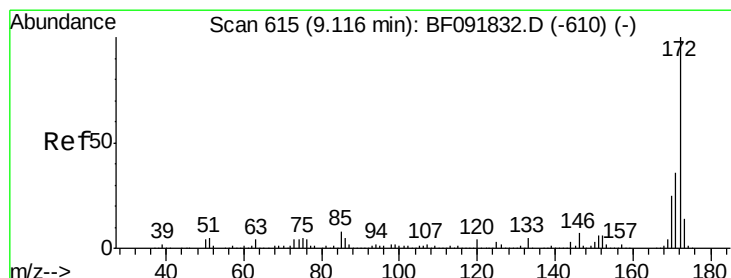
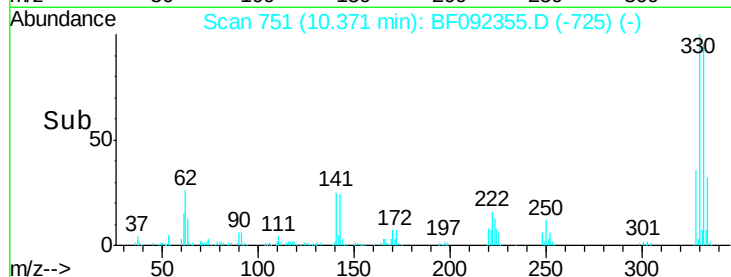
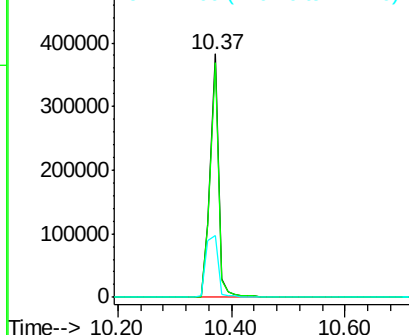
#41
 2,4,6-Tribromophenol
 Concen: 167.35 ng
 RT: 10.37 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMP

Tgt Ion:330 Resp: 382830
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 36.3 34.1 51.1

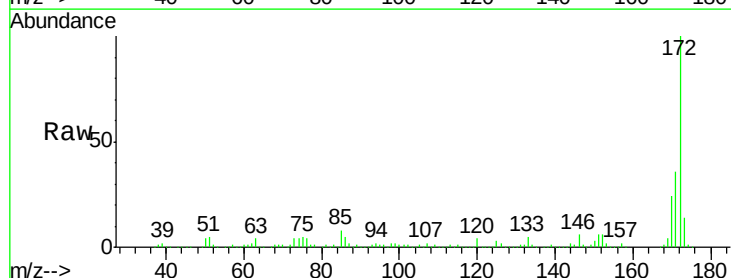


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

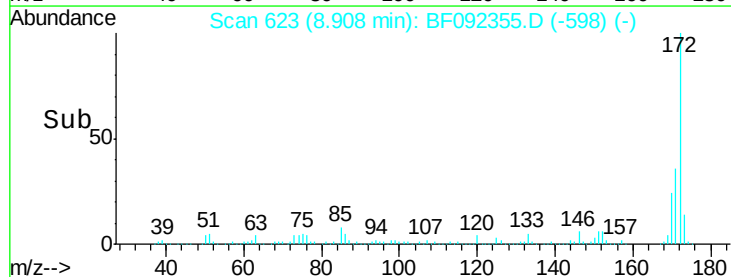
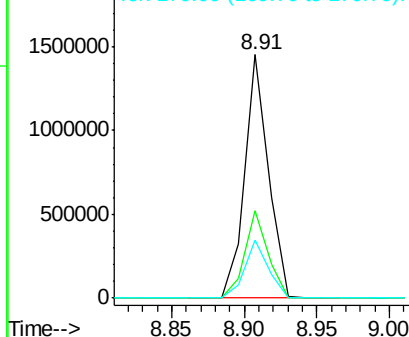


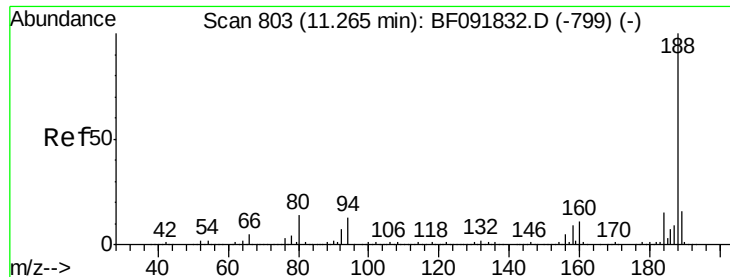
#44
 2-Fluorobiphenyl
 Concen: 128.06 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

Tgt Ion:172 Resp: 1639496
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.8 20.2 30.4



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

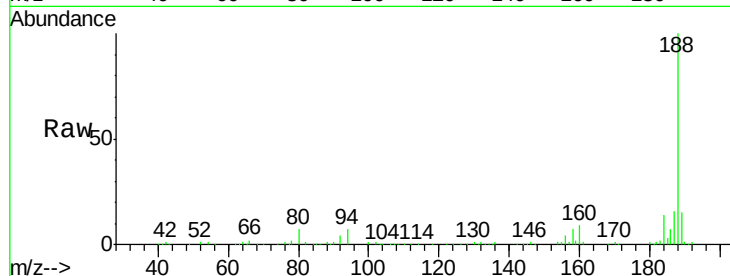




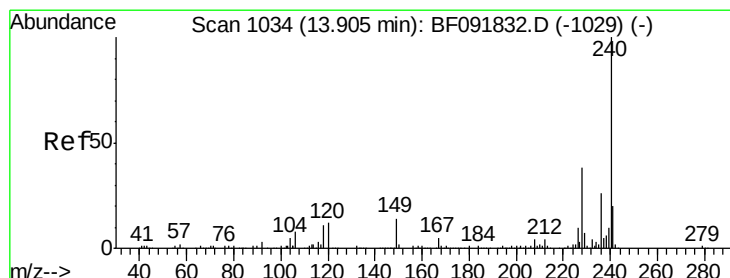
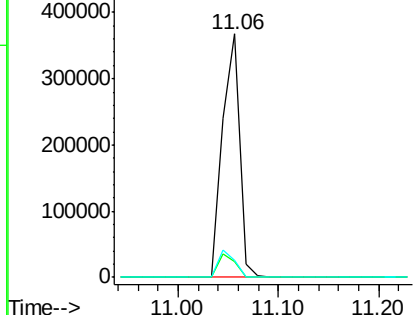
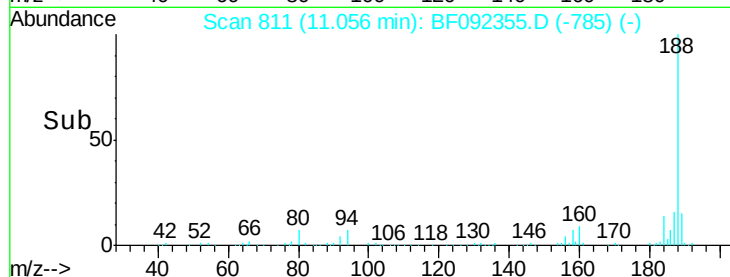
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF092355.D
Acq: 18 Jan 2017 17:07

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMP

Tgt Ion:188 Resp: 436073
Ion Ratio Lower Upper
188 100
94 6.7 10.0 15.0#
80 7.2 11.2 16.8#

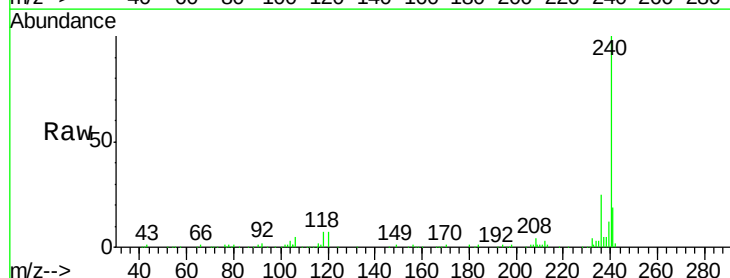


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

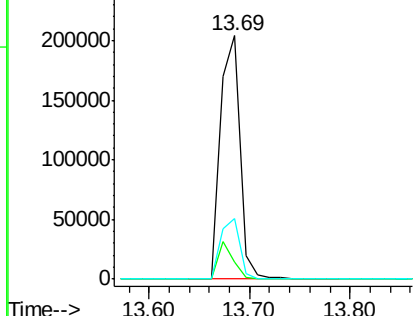
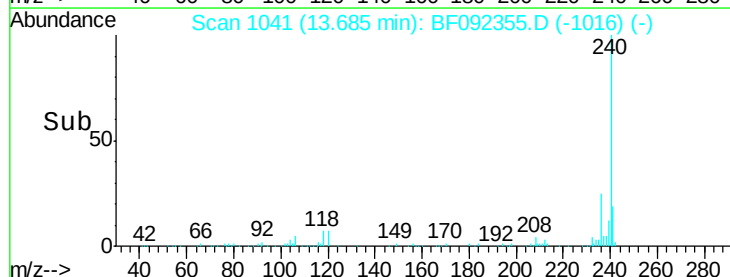


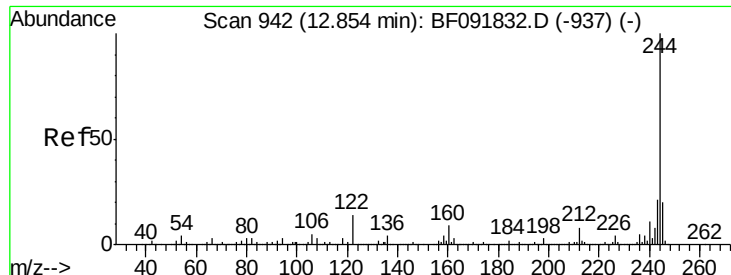
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092355.D
Acq: 18 Jan 2017 17:07

Tgt Ion:240 Resp: 275121
Ion Ratio Lower Upper
240 100
120 7.0 12.9 19.3#
236 24.9 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

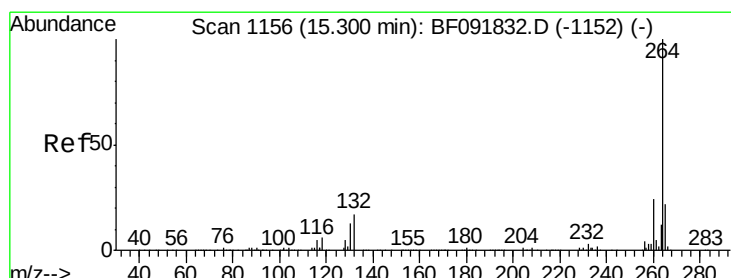
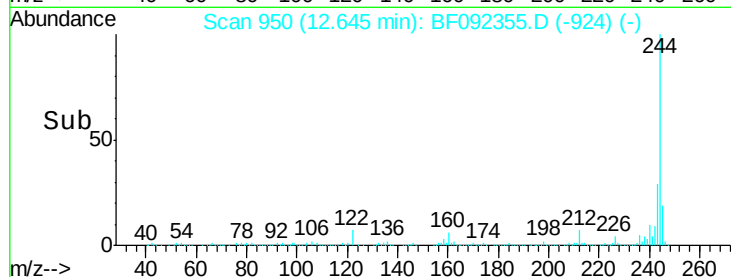
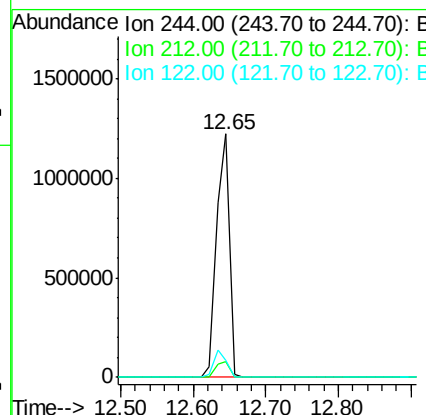
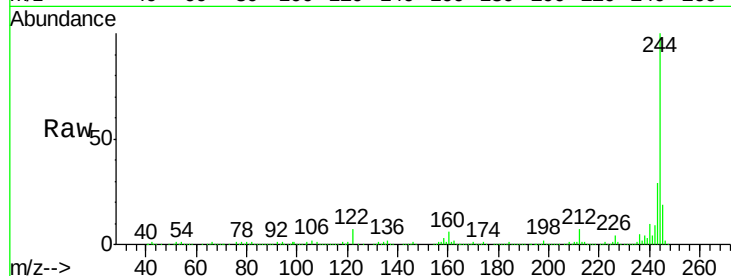




#78
 Terphenyl-d14
 Concen: 131.82 ng
 RT: 12.65 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMP

Tgt Ion:244 Resp: 1495389
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.2 9.2
 122 7.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF092355.D
 Acq: 18 Jan 2017 17:07

Tgt Ion:264 Resp: 252612
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.0 17.4 26.0

