

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091707.D
 Acq On : 17 Dec 2016 8:17
 Operator : UM/SJ
 Sample : H6091-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGEFB-1-121316

Quant Time: Dec 17 23:48:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	147327	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	916546	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	414489	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	550331	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	515124	20.00	ng	-0.01
86) Perylene-d12	15.32	264	366434	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	523911	59.91	ng	0.00
7) Phenol-d6	6.42	99	376002	34.49	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1167009	71.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	377268	109.58	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2162618	90.15	ng	-0.01
78) Terphenyl-d14	12.88	244	1708359	75.25	ng	-0.02

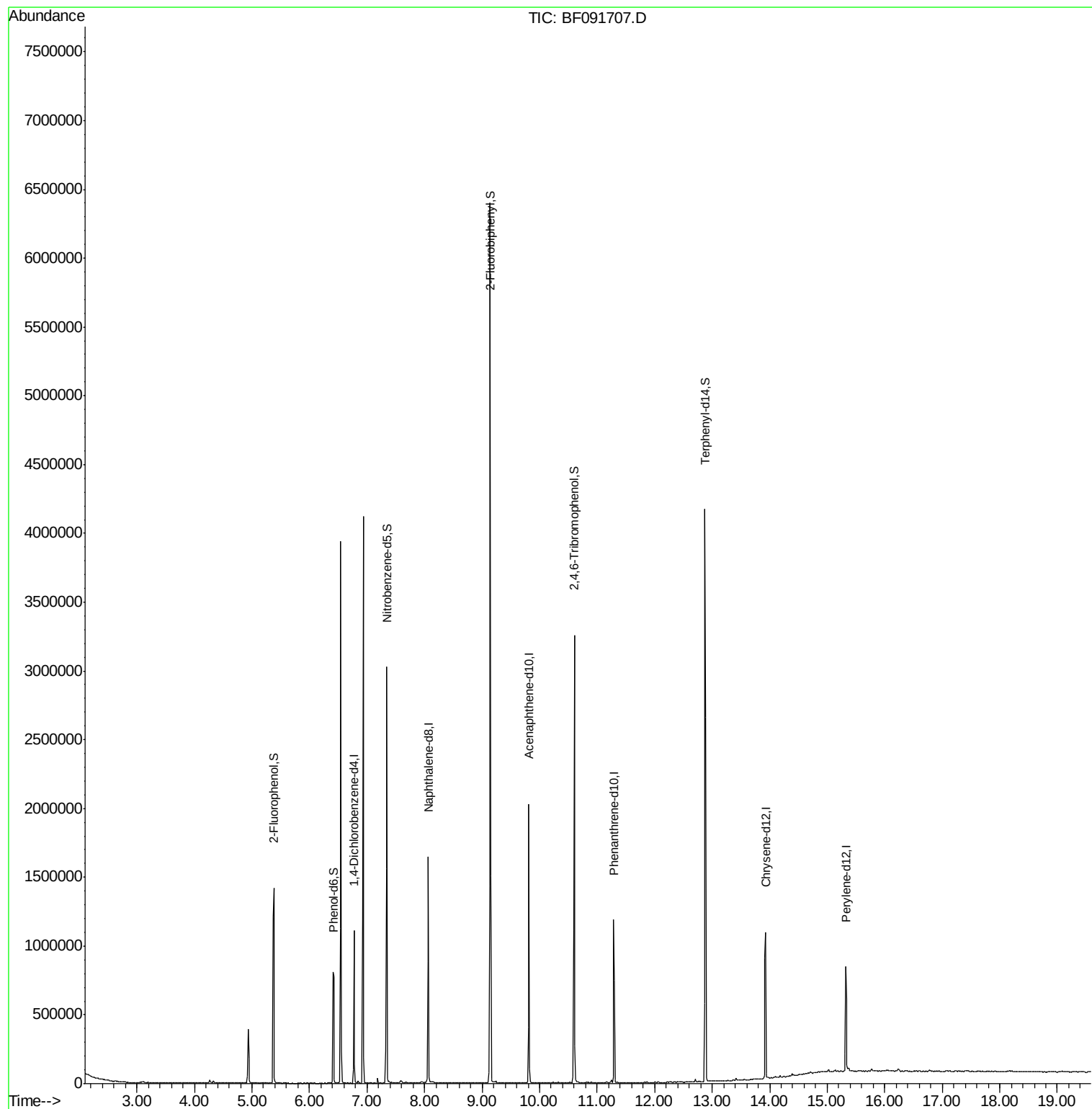
Target Compounds Qvalue

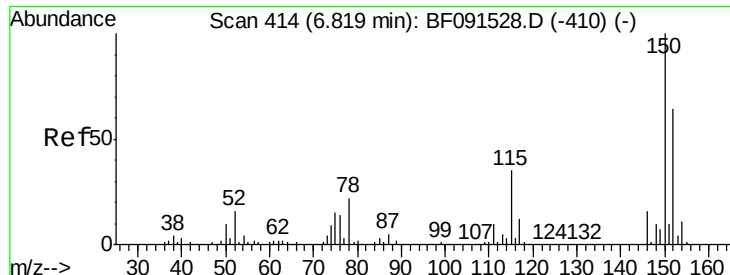
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 16 00:35:41 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091707.D

Acq: 17 Dec 2016 8:17

Instrument :

BNA_F

ClientSampleId :

KINGSBRIDGEFB-1-121316

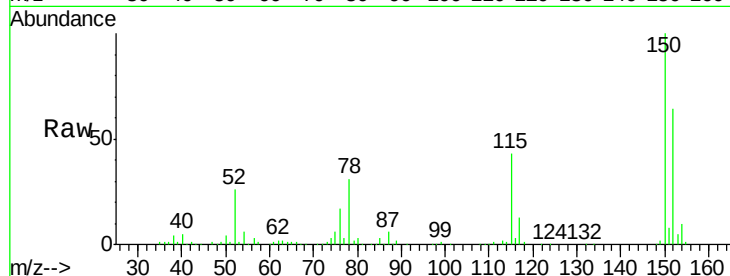
Tot Ion:152 Resp: 147327

Ion Ratio Lower Upper

152 100

150 157.2 122.5 183.7

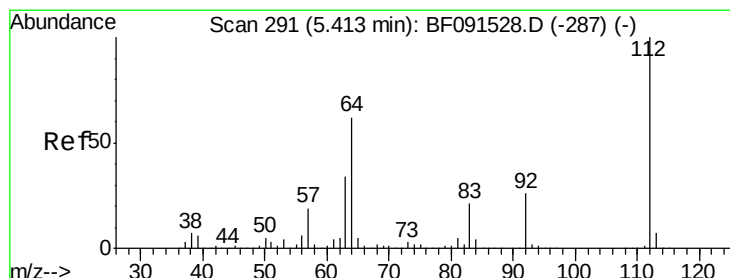
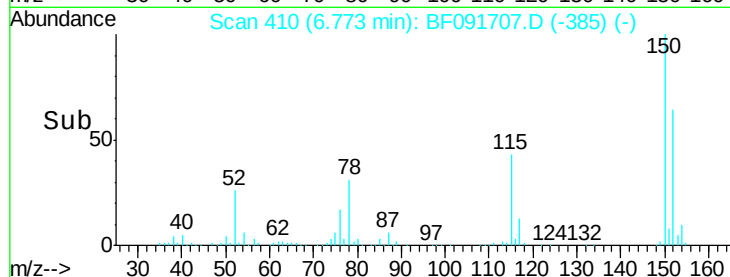
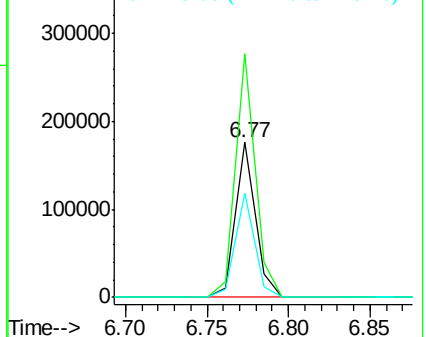
115 67.0 51.8 77.8



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: 59.91 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF091707.D

Acq: 17 Dec 2016 8:17

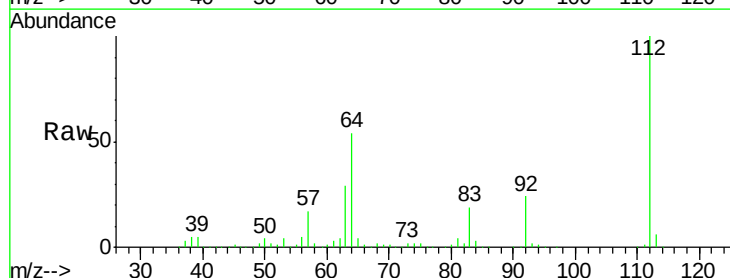
Tgt Ion:112 Resp: 523911

Ion Ratio Lower Upper

112 100

64 53.8 61.5 92.3#

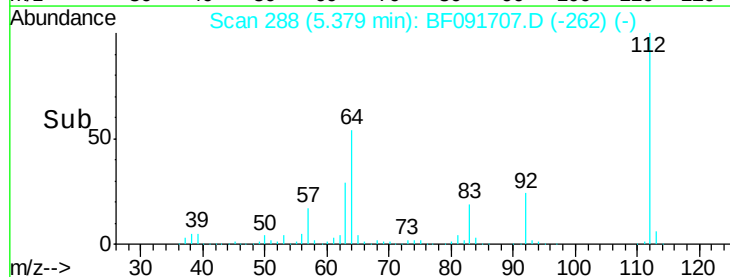
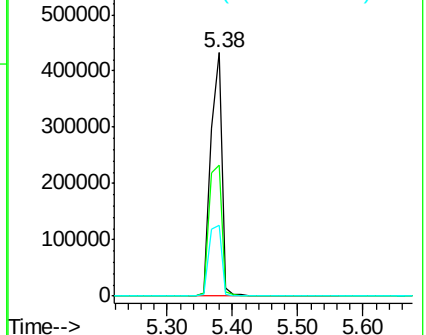
63 29.1 33.3 49.9#

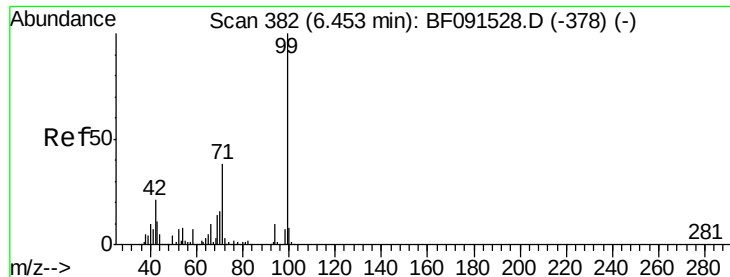


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.49 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091707.D

Acq: 17 Dec 2016 8:17

Instrument :

BNA_F

ClientSampleId :

KINGSBRIDGEFB-1-121316

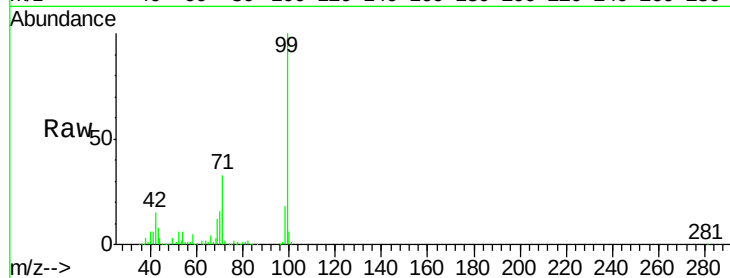
Tot Ion: 99 Resp: 376002

Ion Ratio Lower Upper

99 100

42 15.4 20.6 31.0#

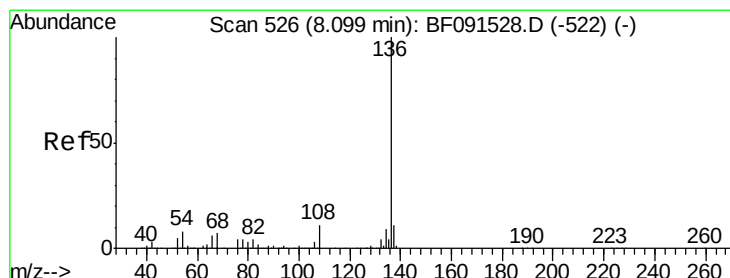
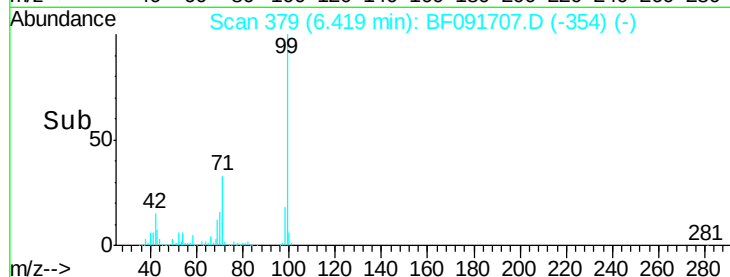
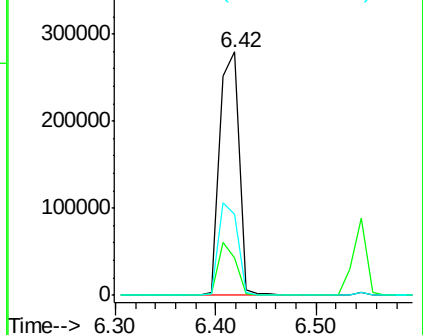
71 33.1 29.9 44.9



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: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091707.D

Acq: 17 Dec 2016 8:17

Tgt Ion: 136 Resp: 916546

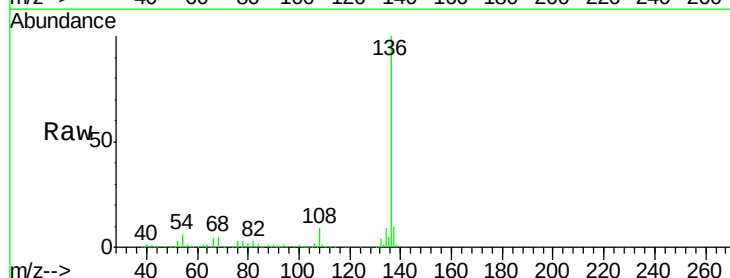
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.7 9.1 13.7#

68 4.6 5.9 8.9#

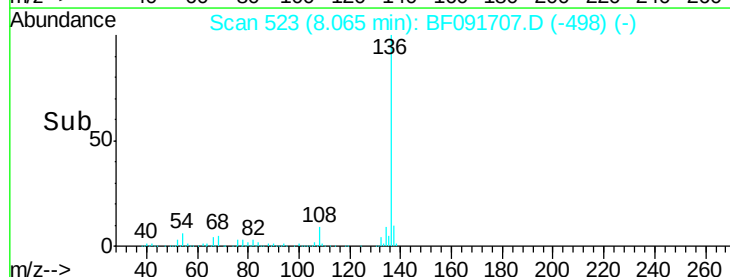
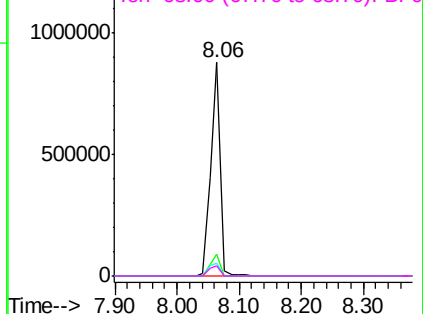


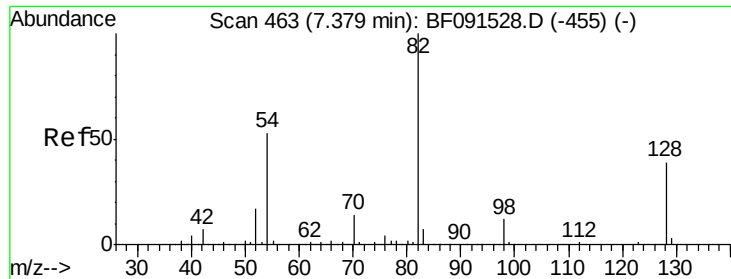
Abundance Ion 136.00 (135.70 to 136.70): E

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



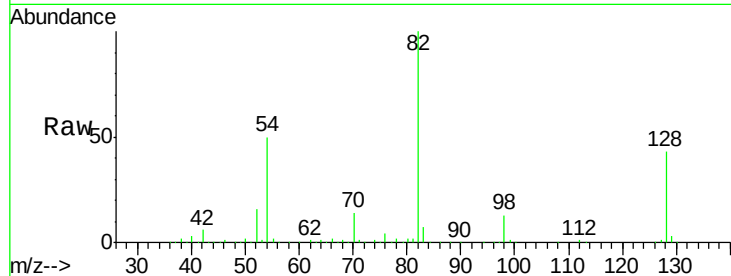


#23
 Nitrobenzene-d5
 Concen: 71.06 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091707.D
 Acq: 17 Dec 2016 8:17

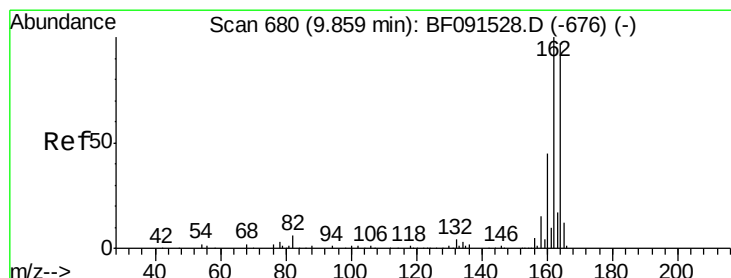
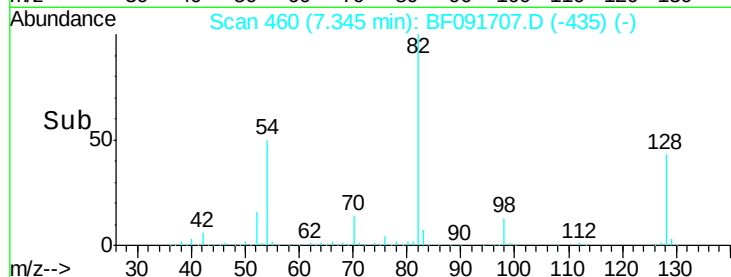
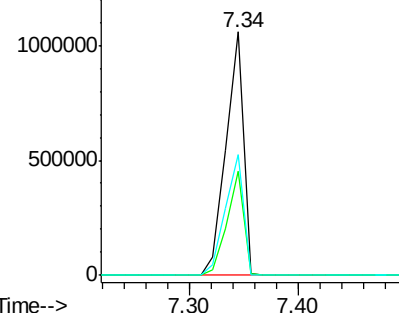
Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGEFB-1-121316

Tot Ion: 82 Resp: 1167009

Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.8	47.6
54	49.8	49.1	73.7



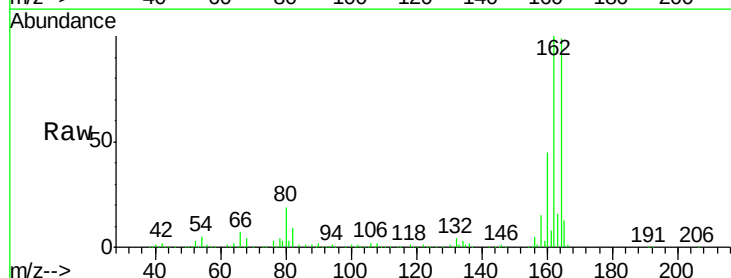
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



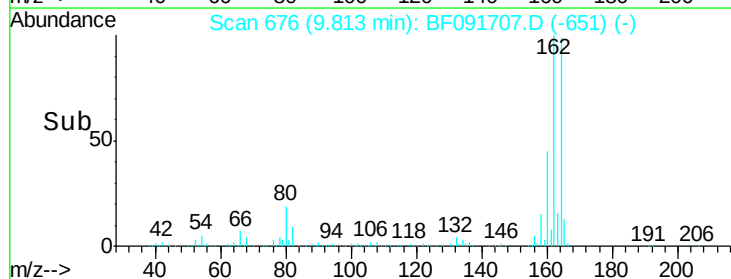
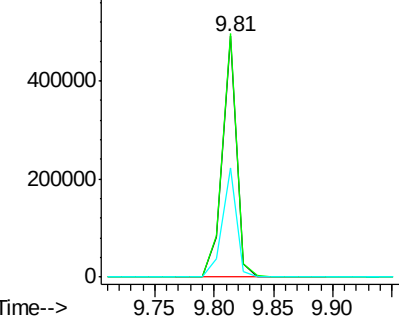
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF091707.D
 Acq: 17 Dec 2016 8:17

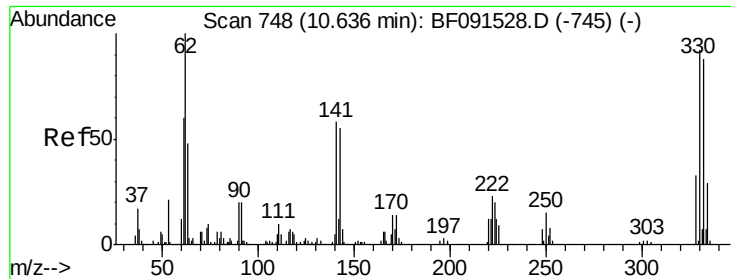
Tgt Ion:164 Resp: 414489

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	124.0
160	45.4	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

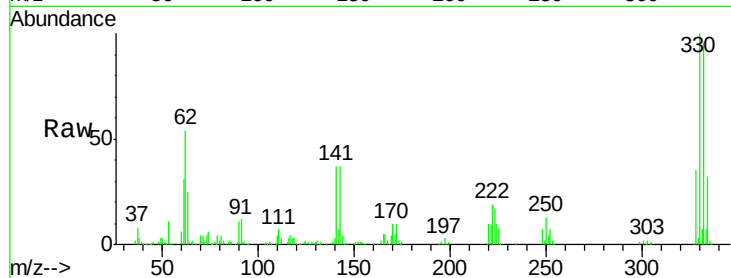




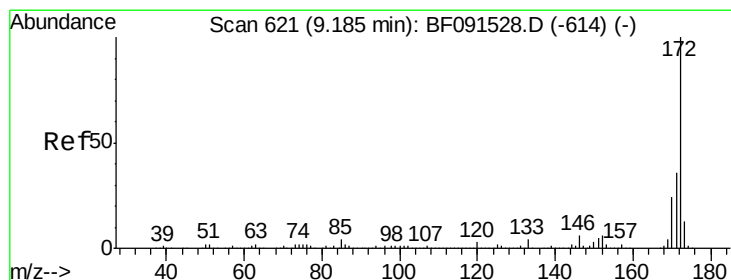
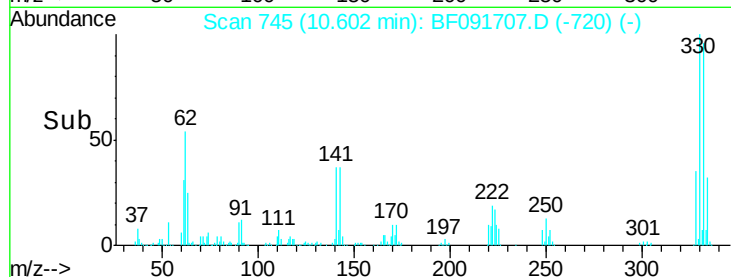
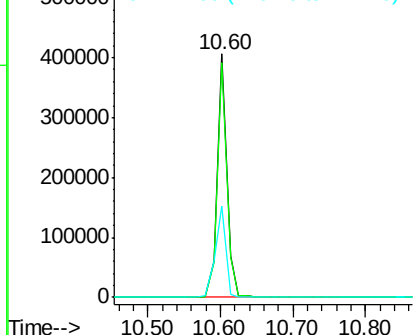
#41
 2,4,6-Tribromophenol
 Concen: 109.58 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091707.D
 Acq: 17 Dec 2016 8:17

Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGEFB-1-121316

Tot Ion:330 Resp: 377268
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 40.7 33.6 50.4

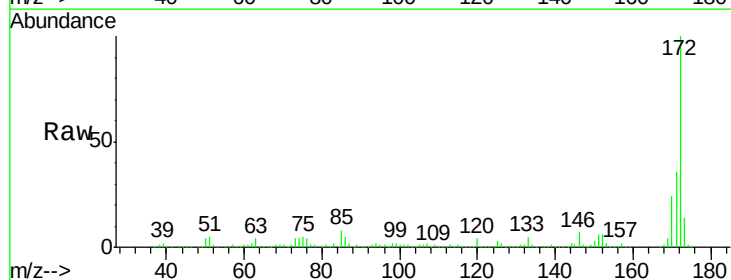


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

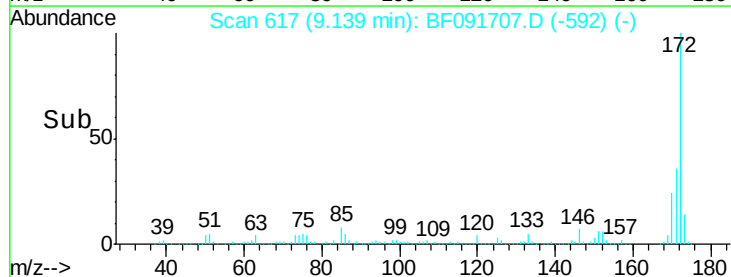
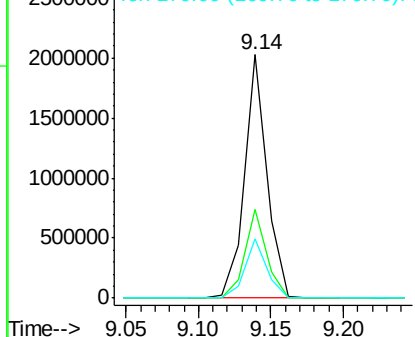


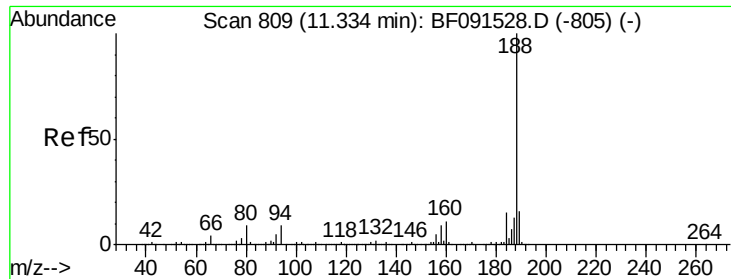
#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091707.D
 Acq: 17 Dec 2016 8:17

Tgt Ion:172 Resp: 2162618
 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

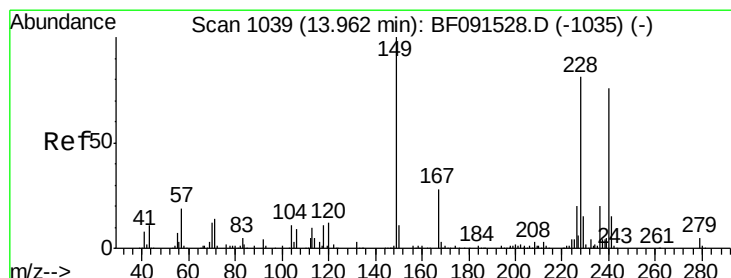
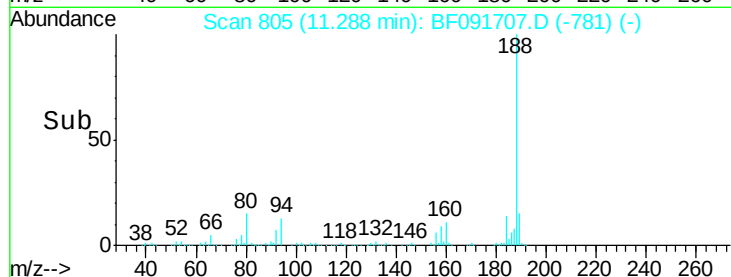
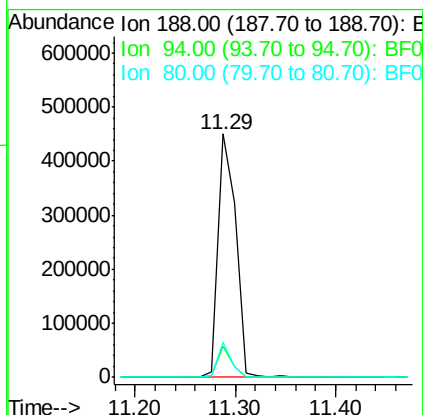
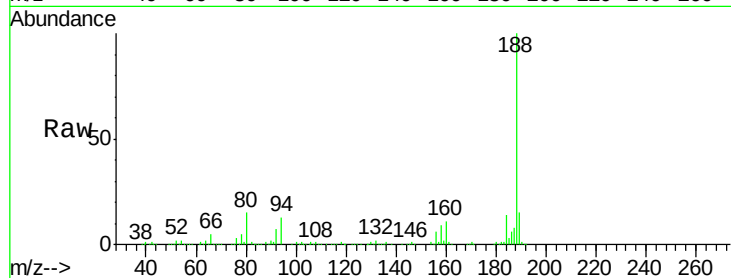




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF091707.D
Acq: 17 Dec 2016 8:17

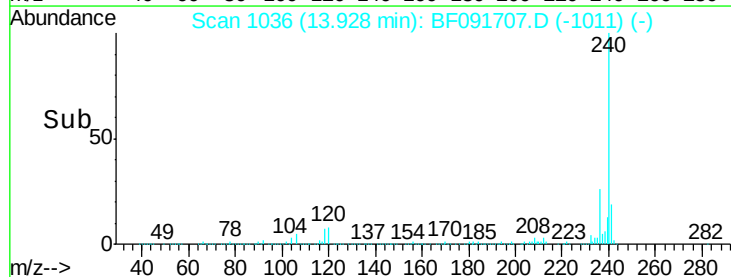
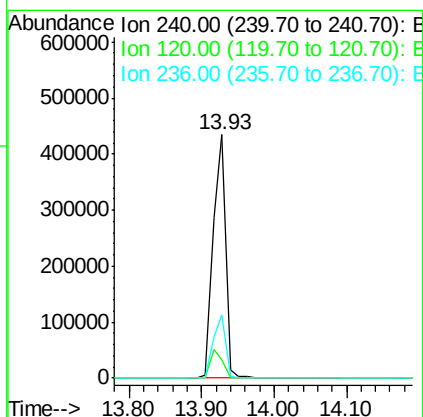
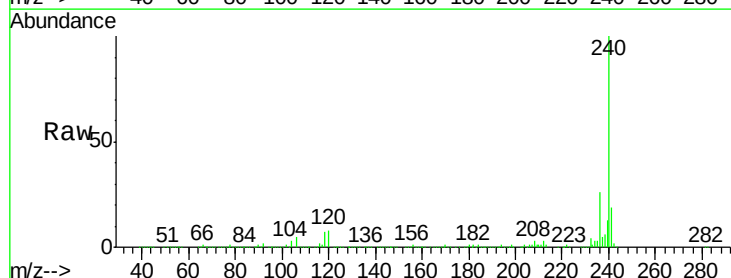
Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGEFB-1-121316

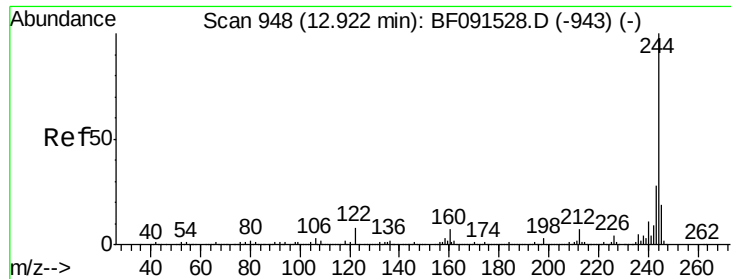
Tot Ion:188 Resp: 550331
Ion Ratio Lower Upper
188 100
94 12.9 9.2 13.8
80 14.6 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF091707.D
Acq: 17 Dec 2016 8:17

Tgt Ion:240 Resp: 515124
Ion Ratio Lower Upper
240 100
120 7.7 12.1 18.1#
236 25.7 21.0 31.6





#78

Terphenyl-d14

Concen: 75.25 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091707.D

Acq: 17 Dec 2016 8:17

Instrument :

BNA_F

ClientSampleId :

KINGSBRIDGEFB-1-121316

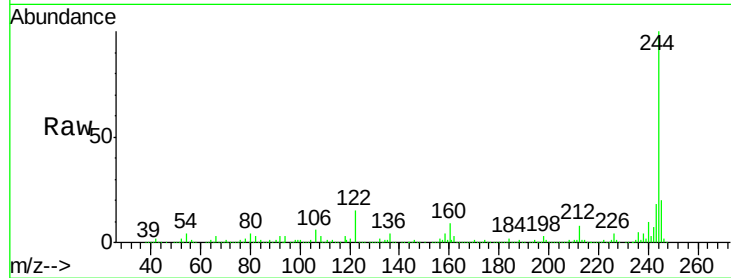
Tot Ion:244 Resp: 1708359

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

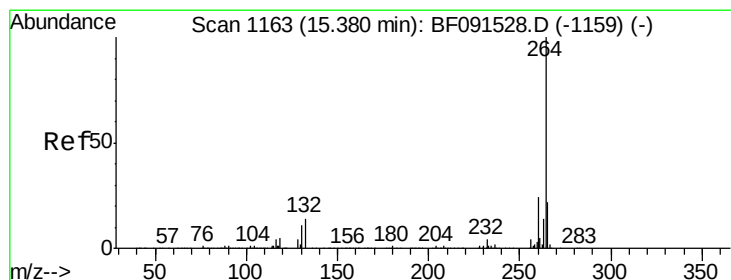
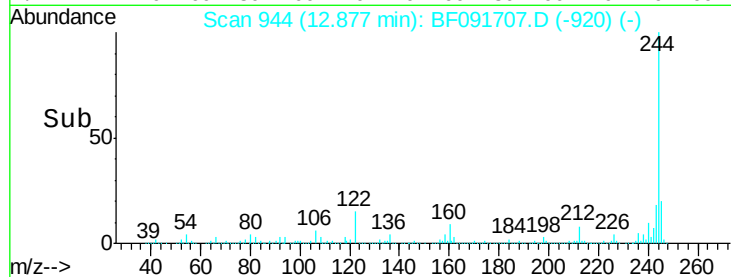
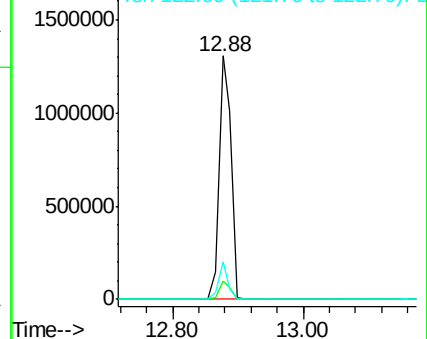
122 15.2 9.5 14.3#



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: 15.32 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF091707.D

Acq: 17 Dec 2016 8:17

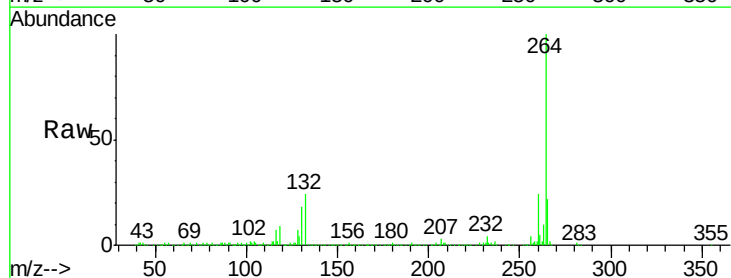
Tgt Ion:264 Resp: 366434

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.6 17.0 25.6



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

