

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091748.D
 Acq On : 18 Dec 2016 20:41
 Operator : UM/SJ
 Sample : H6101-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB01

Quant Time: Dec 19 03:33:44 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	283839	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1261575	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	628717	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1091449	20.00	ng	0.00
75) Chrysene-d12	13.92	240	865104	20.00	ng	-0.01
86) Perylene-d12	15.32	264	672110	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1172963	69.24	ng	0.00
7) Phenol-d6	6.41	99	938313	45.41	ng	-0.01
23) Nitrobenzene-d5	7.33	82	2020394	92.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	849221	159.29	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3664315	117.09	ng	0.00
78) Terphenyl-d14	12.88	244	2981470	87.02	ng	0.00

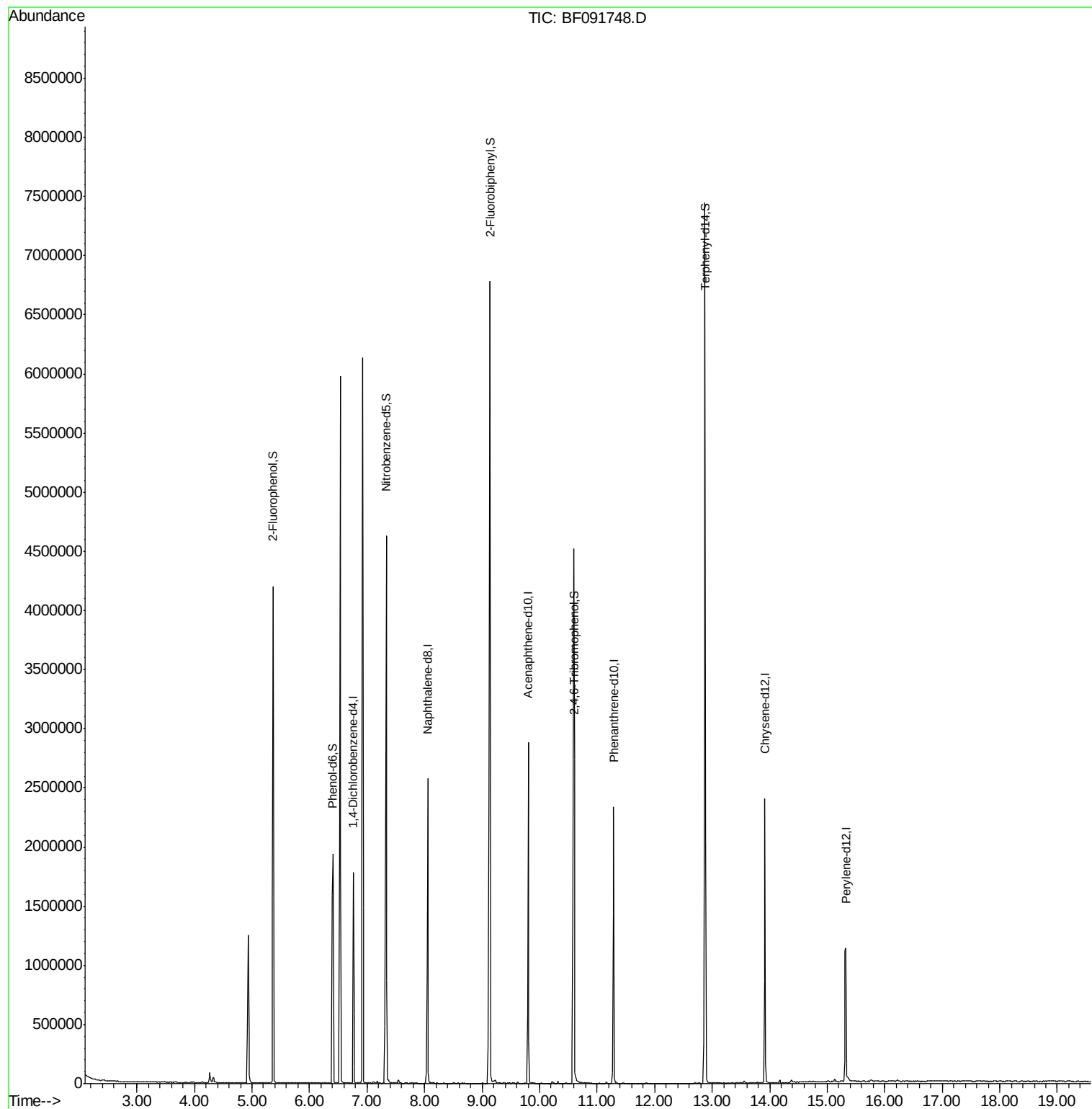
Target Compounds Qvalue

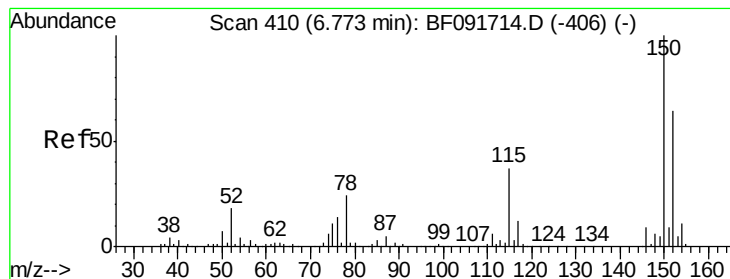
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091748.D
Acq On : 18 Dec 2016 20:41
Operator : UM/SJ
Sample : H6101-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB01

Quant Time: Dec 19 03:33:44 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091748.D

Acq: 18 Dec 2016 20:41

Instrument :

BNA_F

ClientSampleId :

FB01

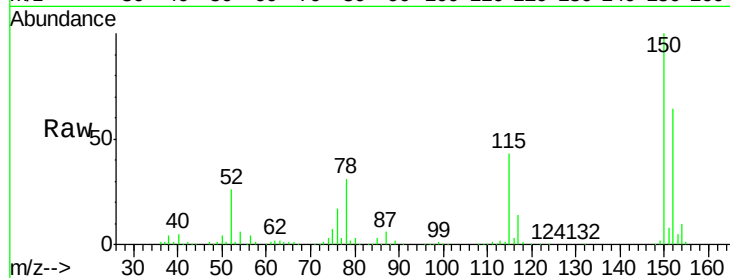
Tot Ion:152 Resp: 283839

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

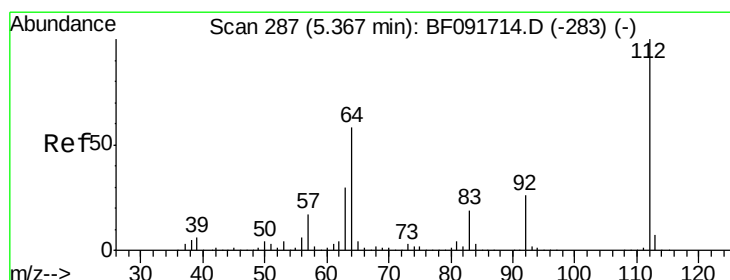
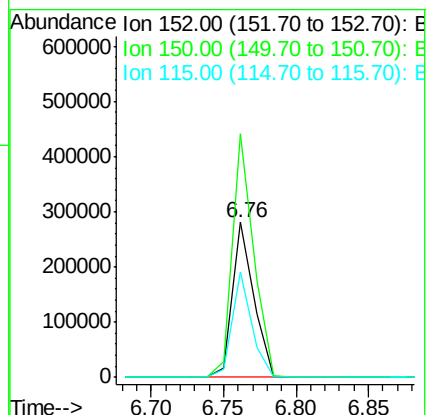
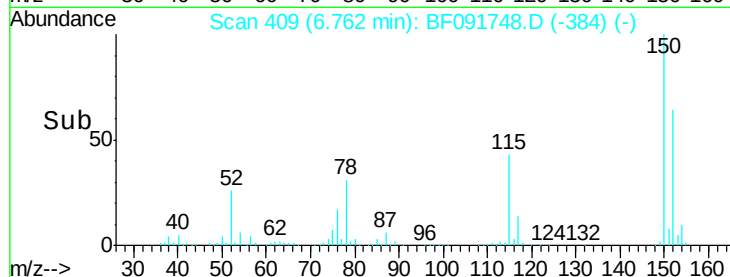
115 67.7 46.0 69.0



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: 69.24 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091748.D

Acq: 18 Dec 2016 20:41

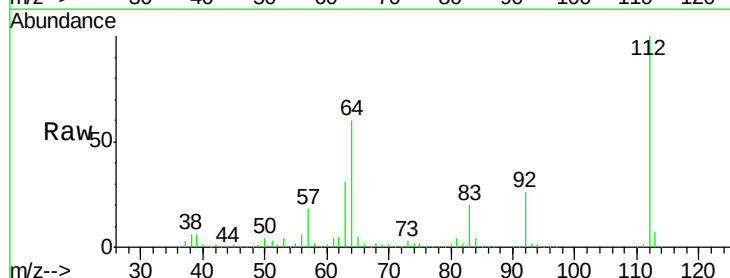
Tgt Ion:112 Resp: 1172963

Ion Ratio Lower Upper

112 100

64 60.3 46.1 69.1

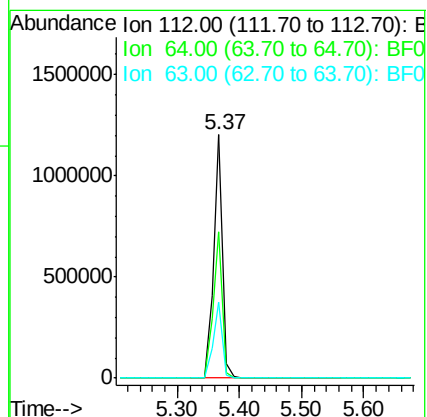
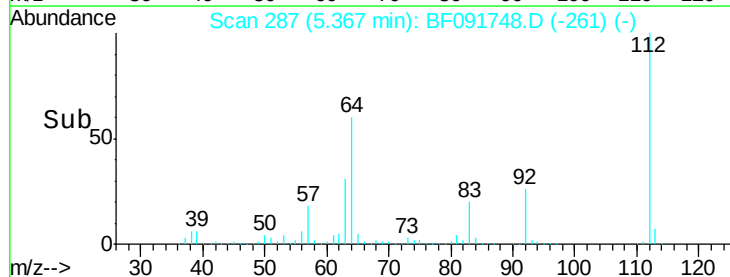
63 31.4 23.8 35.6

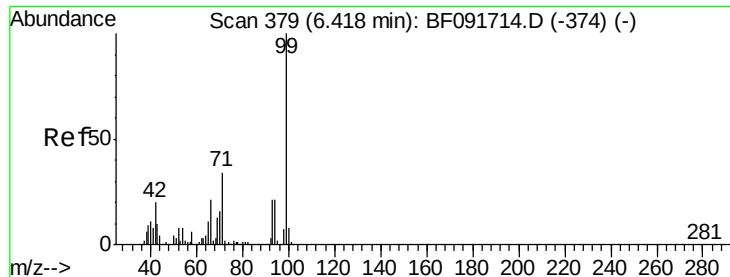


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.41 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091748.D

Acq: 18 Dec 2016 20:41

Instrument :

BNA_F

ClientSampled :

FB01

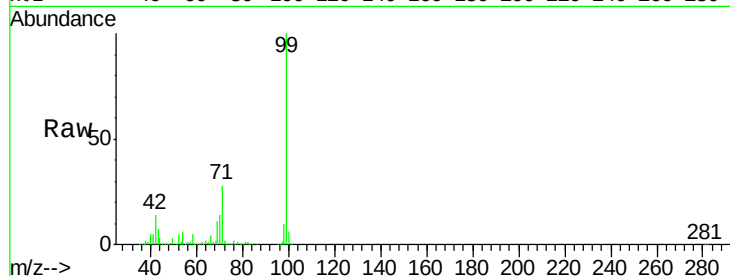
Tot Ion: 99 Resp: 938313

Ion Ratio Lower Upper

99 100

42 13.6 15.6 23.4#

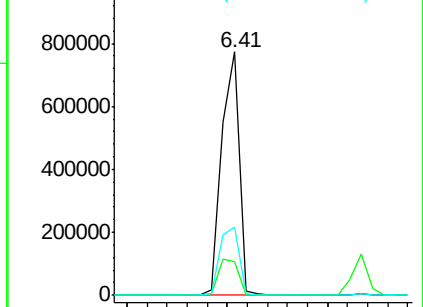
71 28.3 27.5 41.3



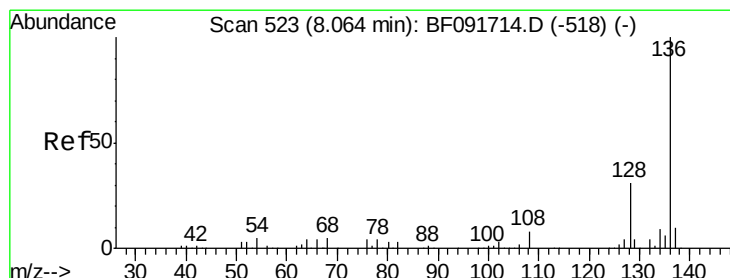
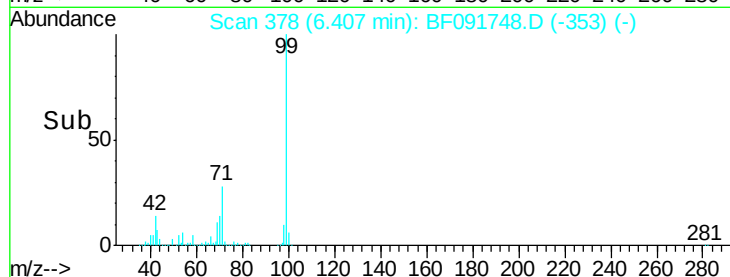
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091748.D

Acq: 18 Dec 2016 20:41

Tgt Ion: 136 Resp: 1261575

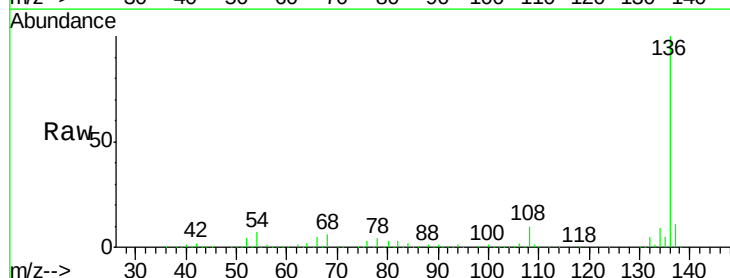
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 7.1 4.5 6.7#

68 5.7 3.6 5.4#

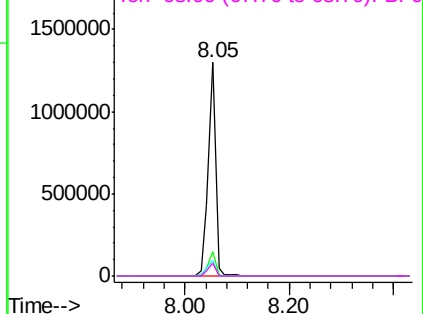


Abundance Ion 136.00 (135.70 to 136.70): E

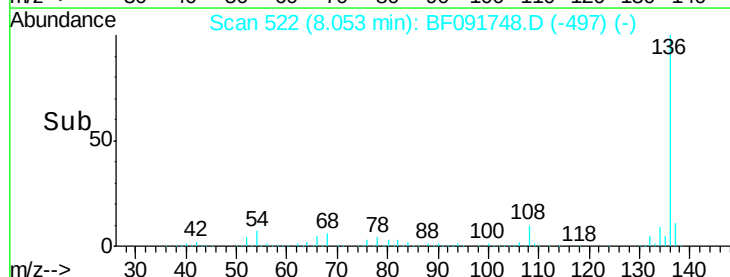
Ion 137.00 (136.70 to 137.70): E

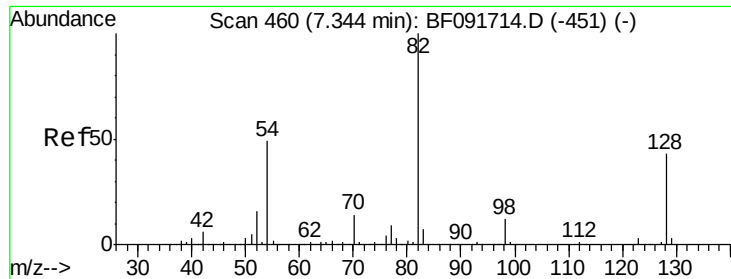
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

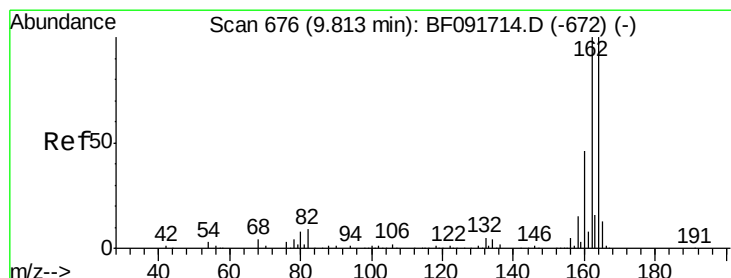
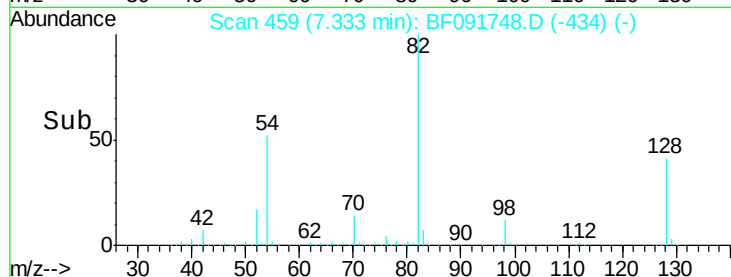
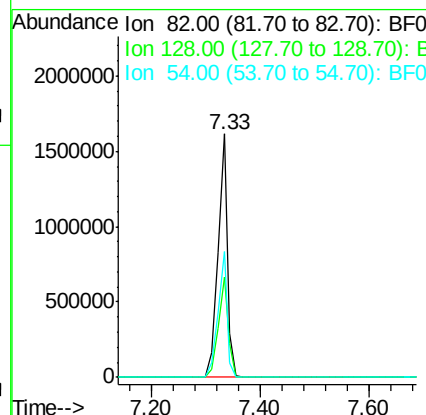
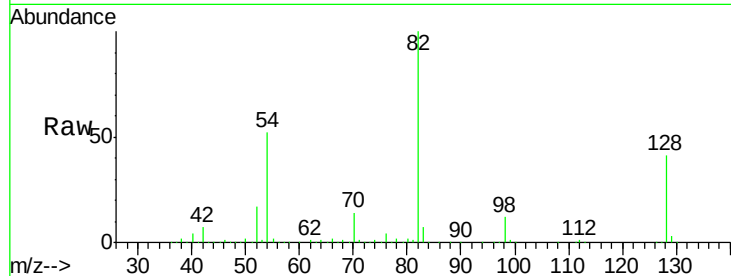




#23
 Nitrobenzene-d5
 Concen: 92.35 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091748.D
 Acq: 18 Dec 2016 20:41

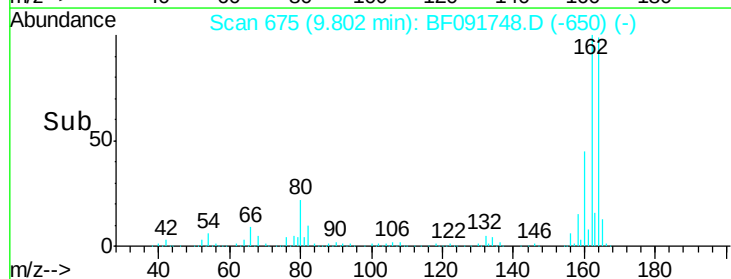
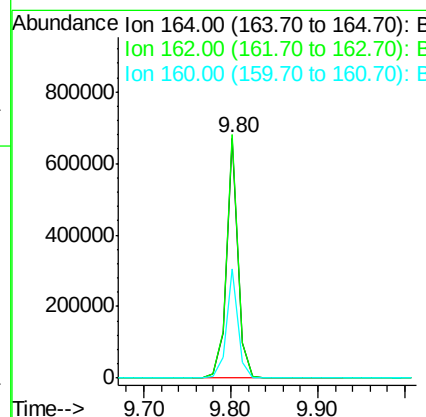
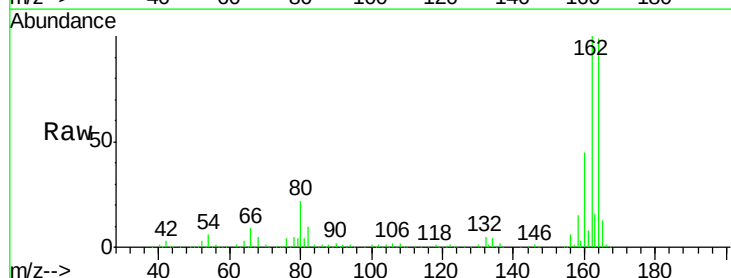
Instrument :
 BNA_F
 ClientSampleID :
 FB01

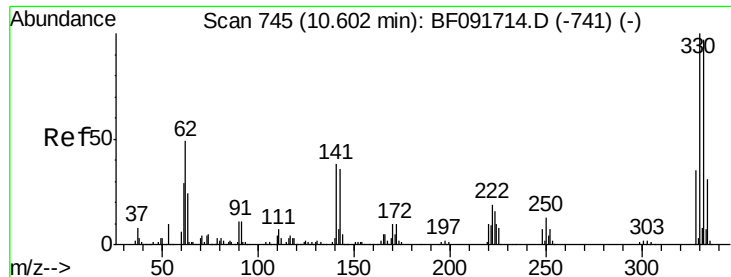
Tot Ion: 82 Resp: 2020394
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 51.5 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF091748.D
 Acq: 18 Dec 2016 20:41

Tgt Ion:164 Resp: 628717
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.2 120.2
 160 45.7 36.9 55.3

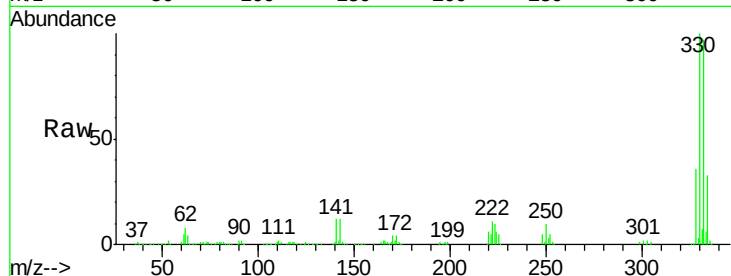




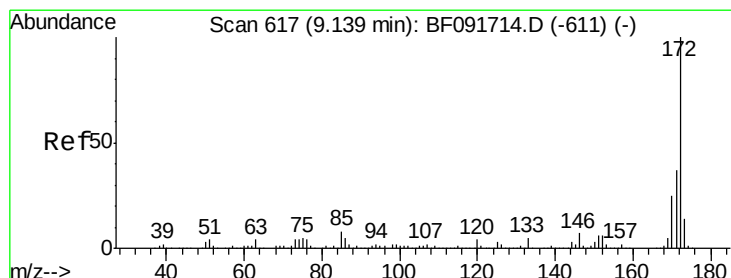
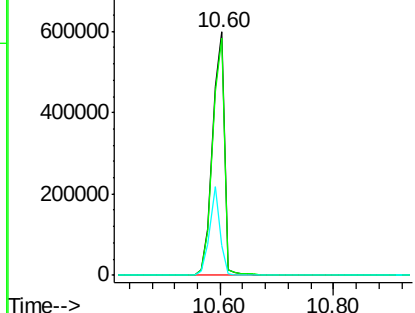
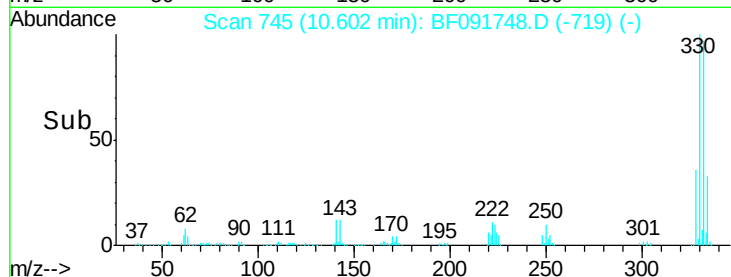
#41
 2,4,6-Tribromophenol
 Concen: 159.29 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091748.D
 Acq: 18 Dec 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 FB01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	31.7	34.1	51.1#

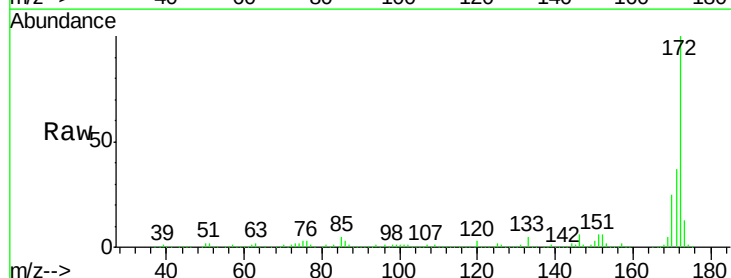


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

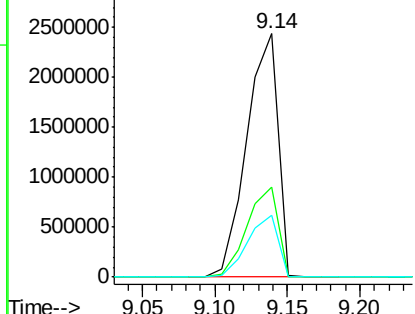
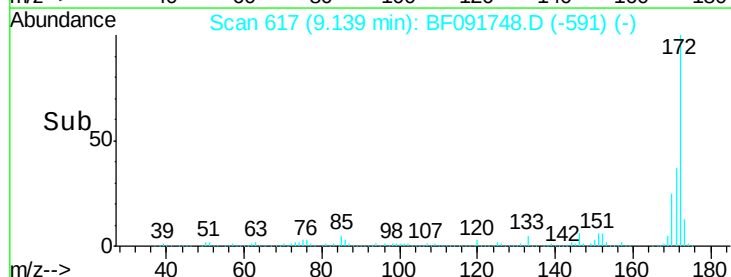


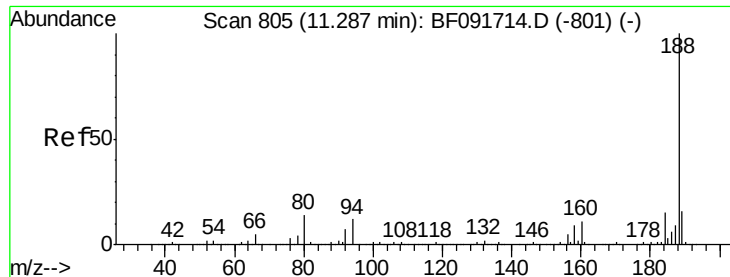
#44
 2-Fluorobiphenyl
 Concen: 117.09 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091748.D
 Acq: 18 Dec 2016 20:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.3	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

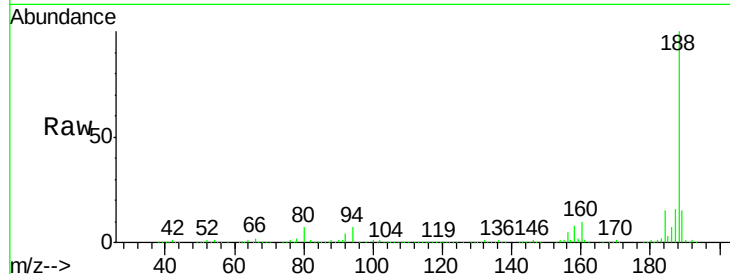




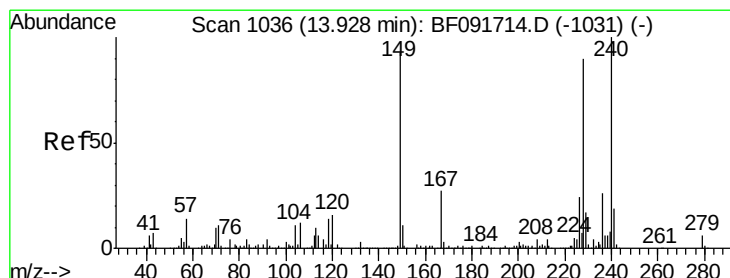
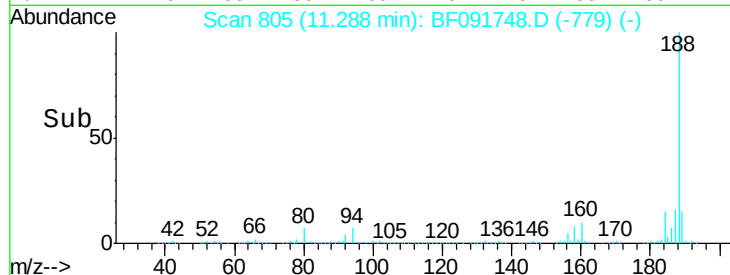
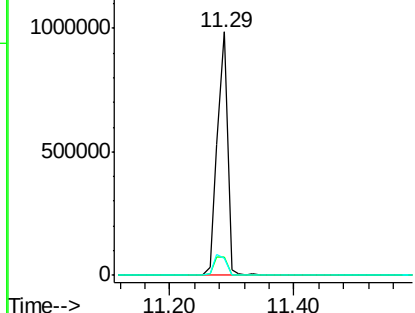
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091748.D
Acq: 18 Dec 2016 20:41

Instrument :
BNA_F
ClientSampled :
FB01

Tot Ion:188 Resp: 1091449
Ion Ratio Lower Upper
188 100
94 7.4 10.0 15.0#
80 7.2 11.2 16.8#

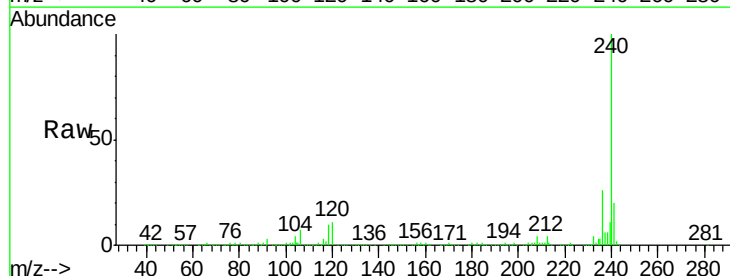


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

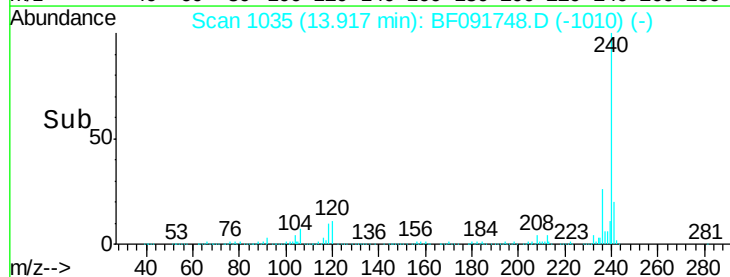
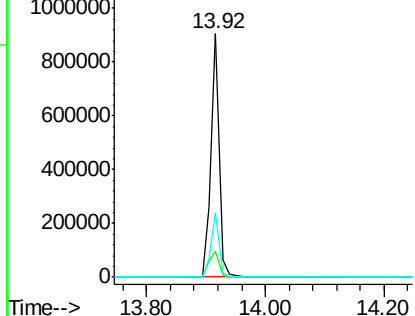


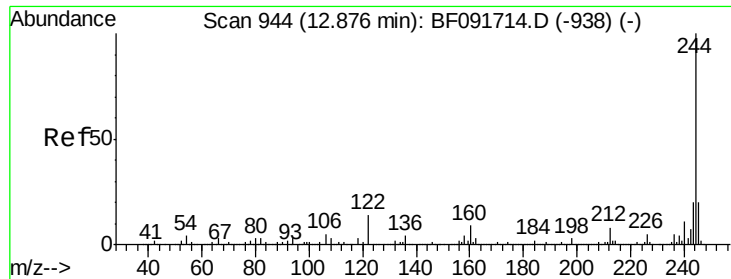
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091748.D
Acq: 18 Dec 2016 20:41

Tgt Ion:240 Resp: 865104
Ion Ratio Lower Upper
240 100
120 10.8 12.9 19.3#
236 26.4 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

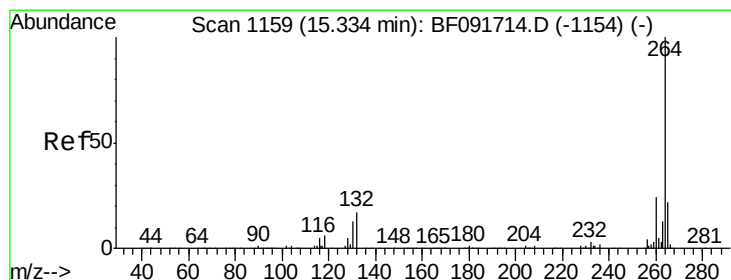
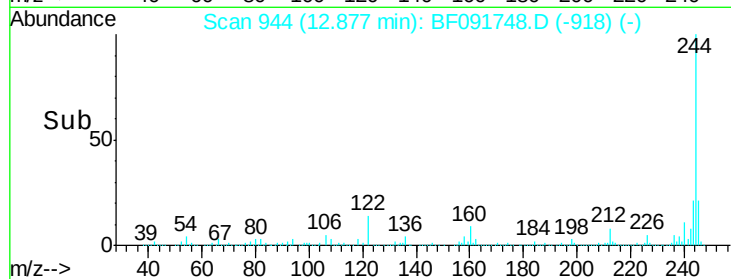
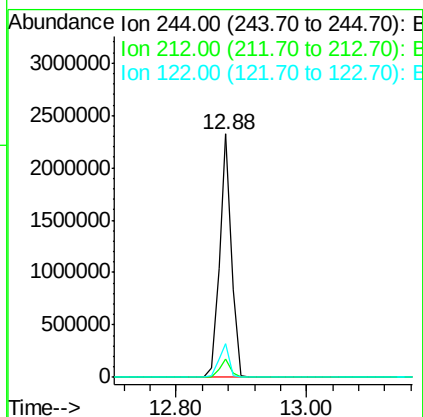
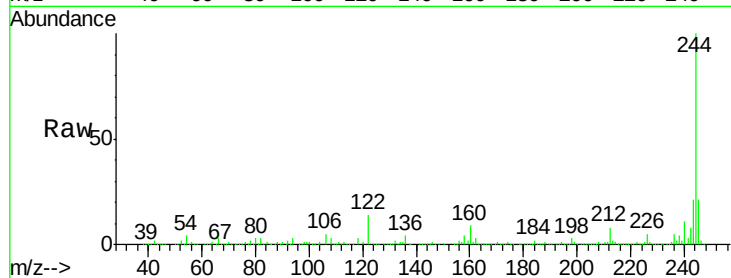




#78
 Terphenyl-d14
 Concen: 87.02 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091748.D
 Acq: 18 Dec 2016 20:41

Instrument :
 BNA_F
 ClientSampleID :
 FB01

Tot Ion:244 Resp: 2981470
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091748.D
 Acq: 18 Dec 2016 20:41

Tgt Ion:264 Resp: 672110
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.0 17.4 26.0

