

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082771.D
 Acq On : 6 Nov 2015 19:58
 Operator : UM/IZ
 Sample : PB86463BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BL

Quant Time: Nov 07 03:30:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	253307	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1038669	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	515911	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	1015115	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	994408	20.00	ng	-0.01
86) Perylene-d12	15.43	264	836019	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1614067	99.14	ng	0.01
7) Phenol-d6	6.48	99	2151126	99.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	1516591	63.53	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	555770	93.95	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2375680	66.00	ng	-0.01
78) Terphenyl-d14	12.96	244	2400237	57.25	ng	-0.01

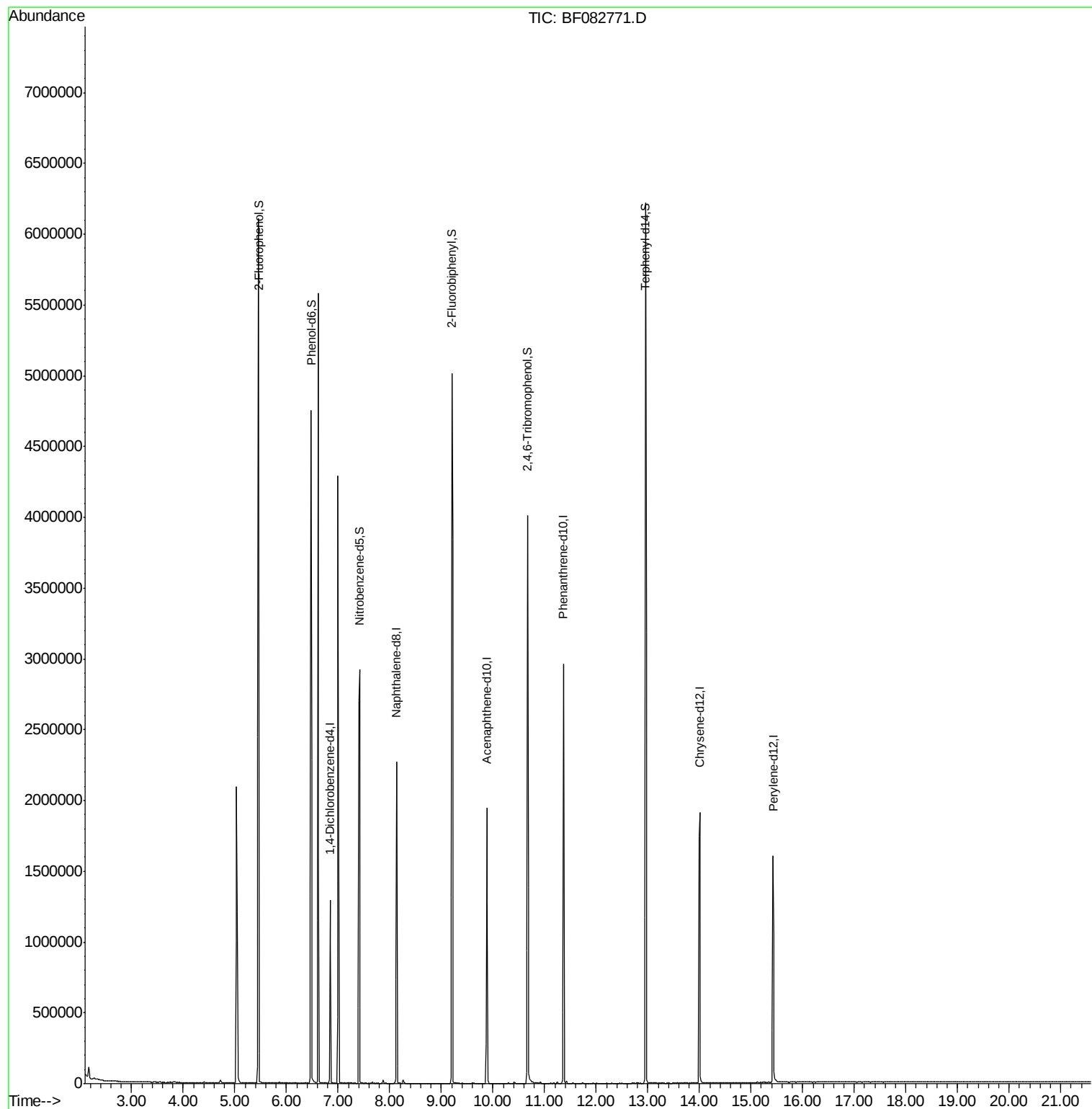
Target Compounds Qvalue

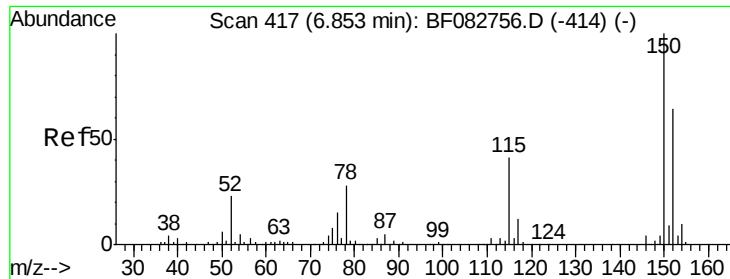
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

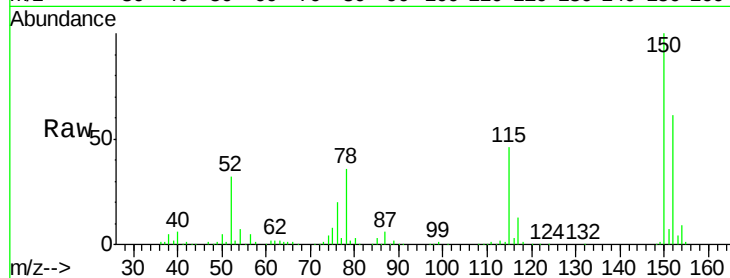
Tot Ion:152 Resp: 253307

Ion Ratio Lower Upper

152 100

150 164.5 127.0 190.4

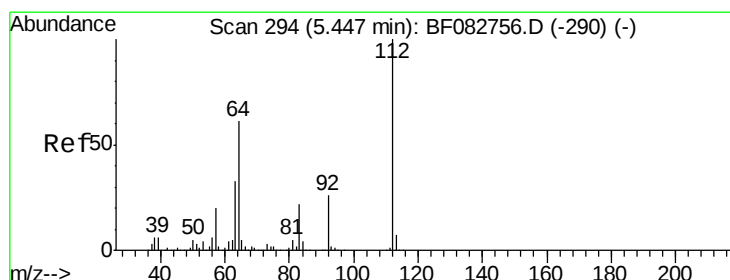
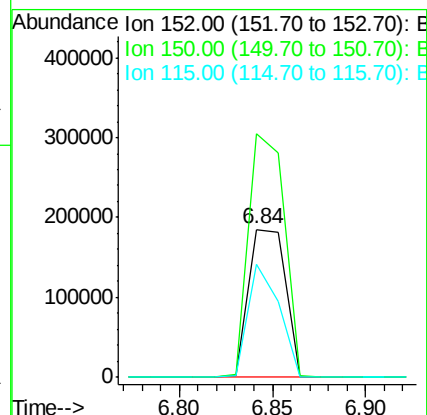
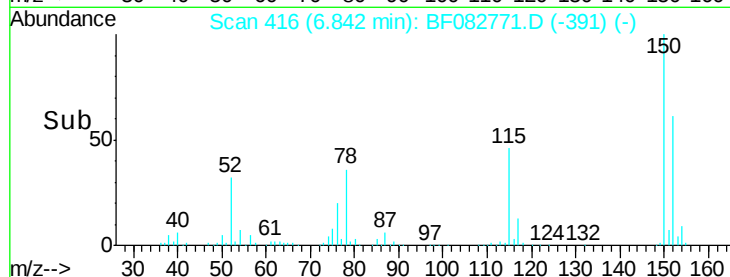
115 76.1 47.0 70.6#



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: 99.14 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

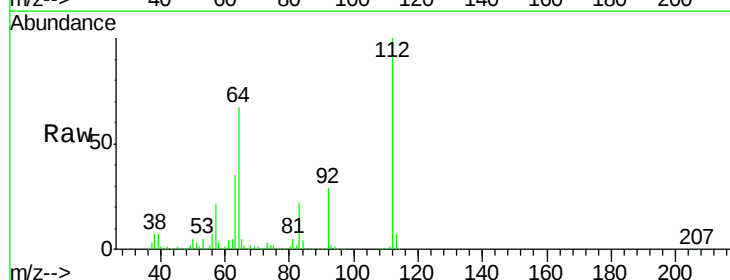
Tgt Ion:112 Resp: 1614067

Ion Ratio Lower Upper

112 100

64 67.4 48.9 73.3

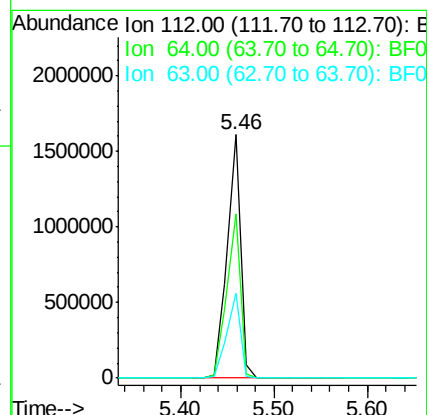
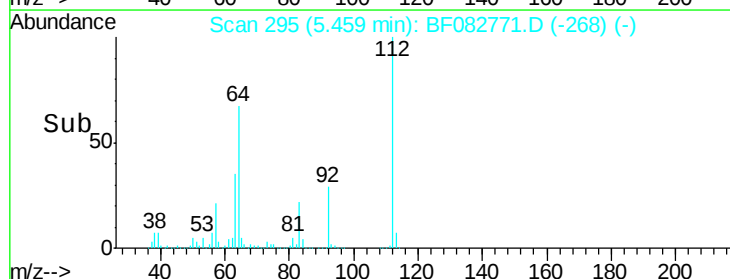
63 34.8 28.1 42.1



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: 99.39 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

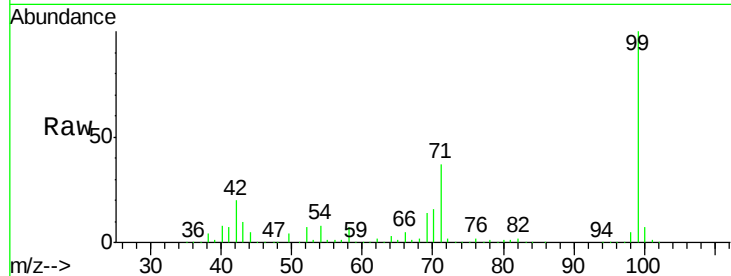
BNA_F

ClientSampleId :

PB86463BL

Tot Ion: 99 Resp: 2151126

Ion	Ratio	Lower	Upper
99	100		
42	20.3	19.2	28.8
71	37.3	35.0	52.4

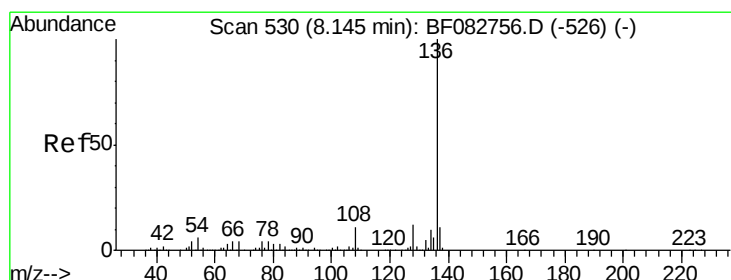
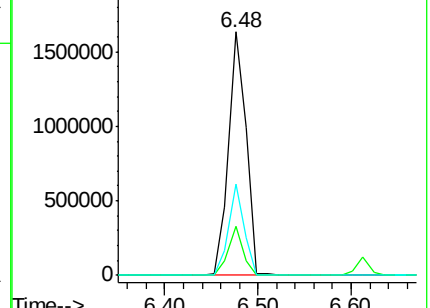
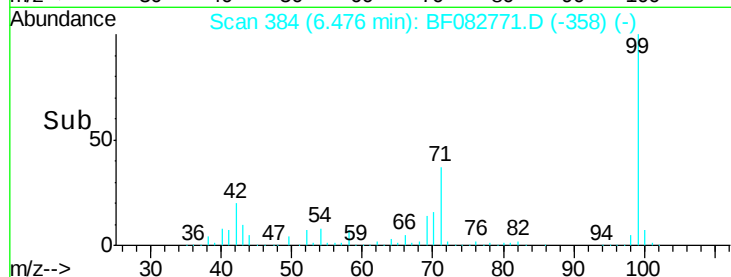


Abundance

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: 8.13 min Scan# 529

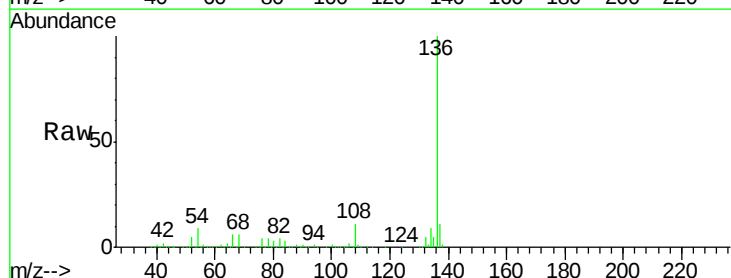
Delta R.T. -0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Tgt Ion: 136 Resp: 1038669

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.8	9.1	13.7#
68	6.3	4.8	7.2



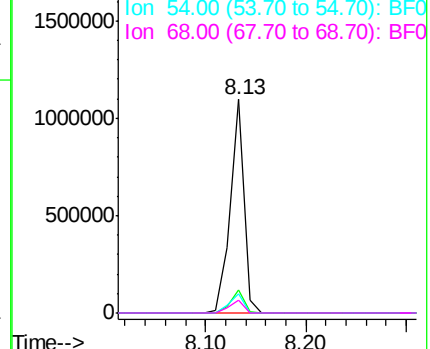
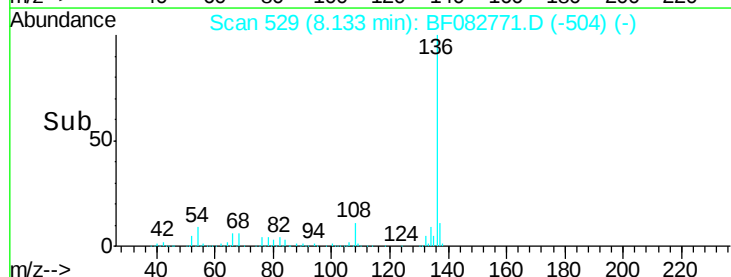
Abundance

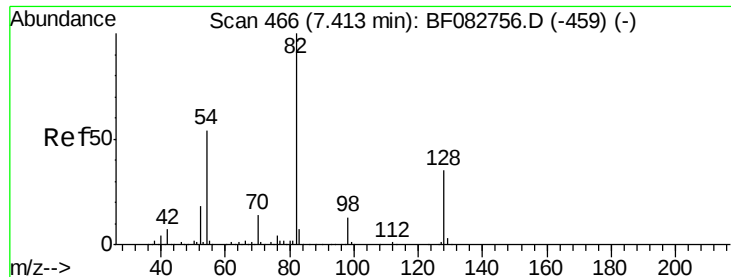
Ion 136.00 (135.70 to 136.70): E

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

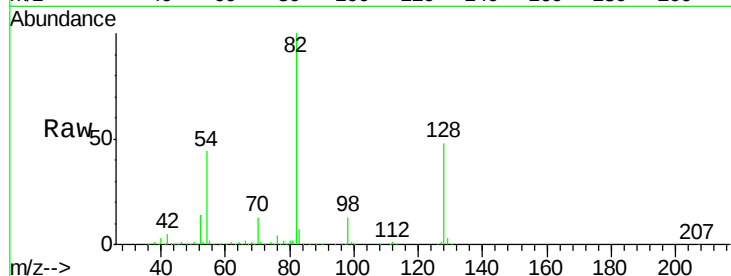




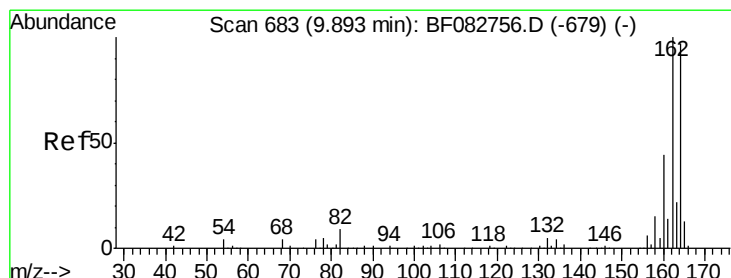
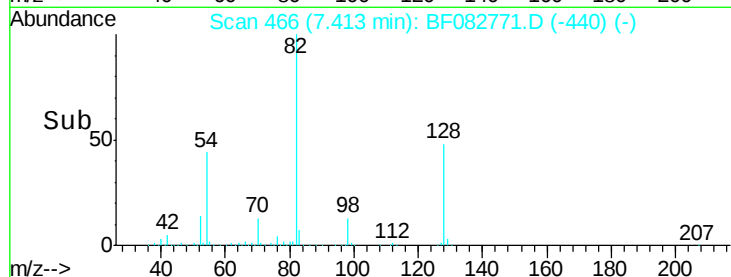
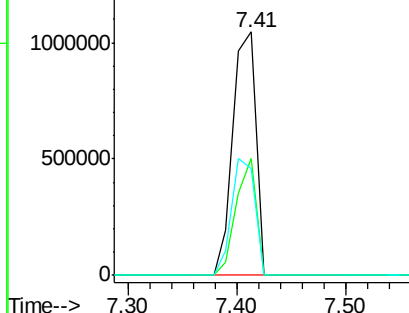
#23
Nitrobenzene-d5
Concen: 63.53 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF082771.D
Acq: 6 Nov 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB86463BL

Tot Ion: 82 Resp: 1516591
Ion Ratio Lower Upper
82 100
128 48.0 26.8 40.2#
54 43.7 45.7 68.5#

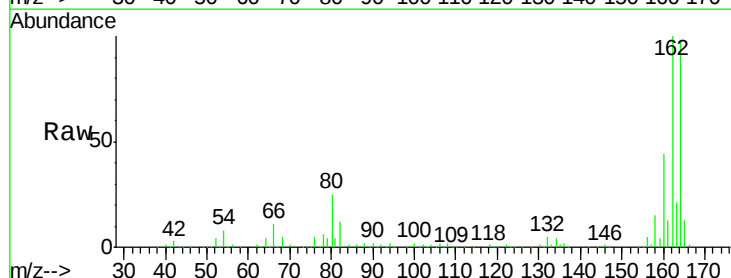


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

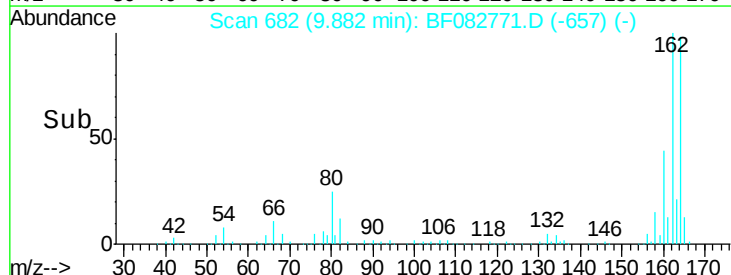
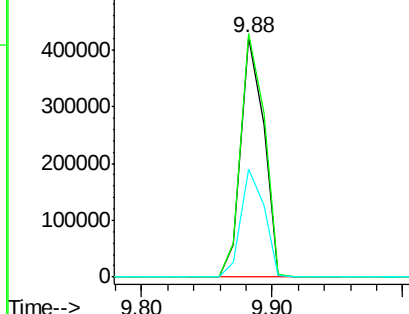


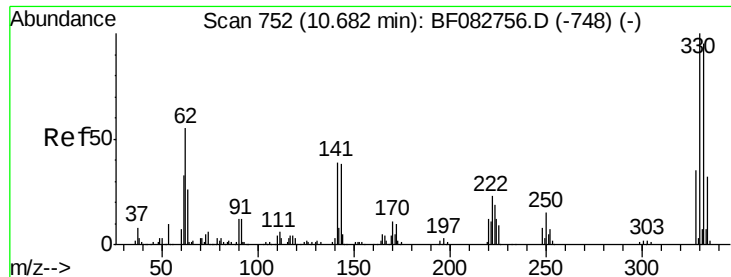
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF082771.D
Acq: 6 Nov 2015 19:58

Tgt Ion:164 Resp: 515911
Ion Ratio Lower Upper
164 100
162 101.6 84.9 127.3
160 44.9 37.5 56.3



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

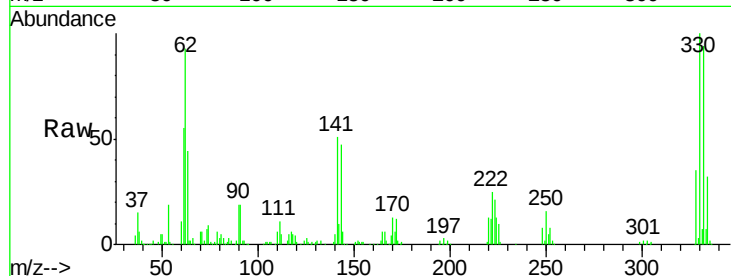




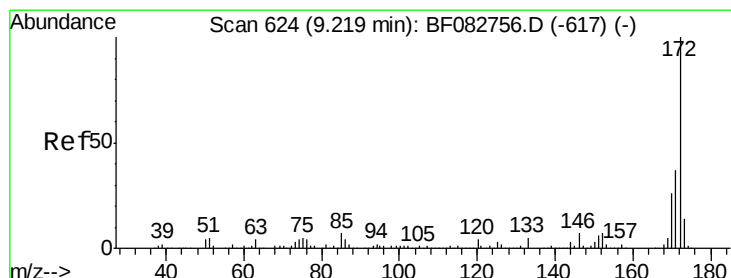
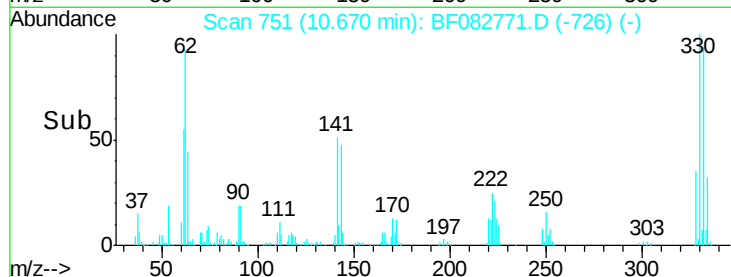
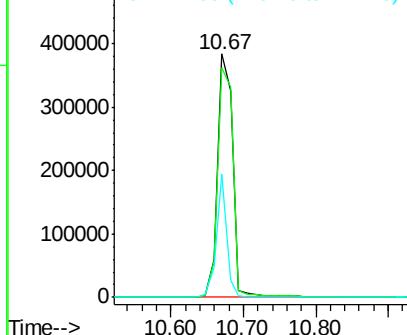
#41
 2,4,6-Tribromophenol
 Concen: 93.95 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BL

Tot Ion:330 Resp: 555770
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 35.4 41.2 61.8#

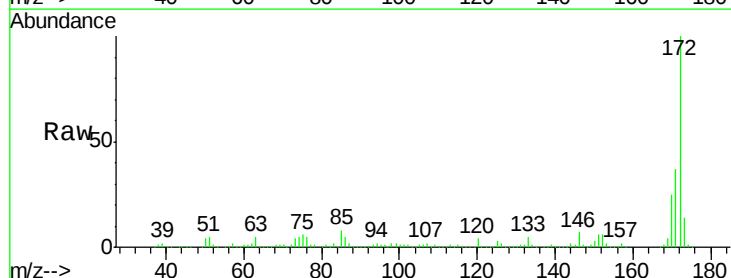


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

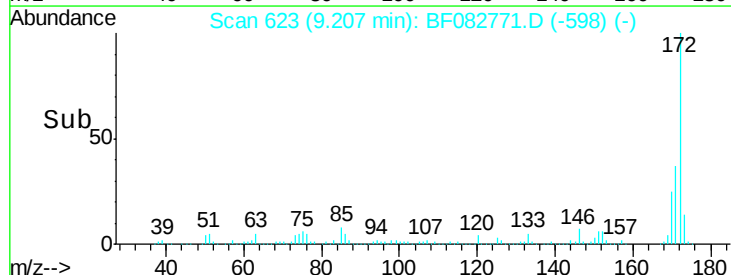
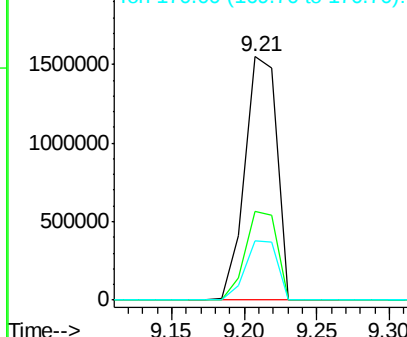


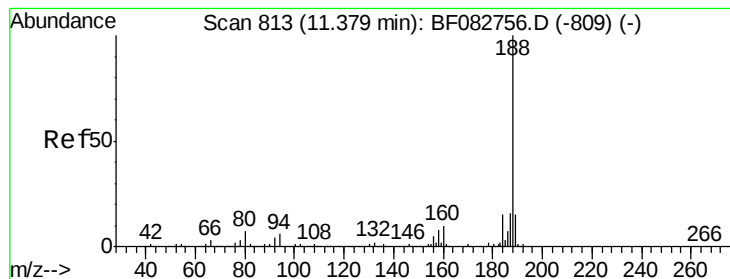
#44
 2-Fluorobiphenyl
 Concen: 66.00 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

Tgt Ion:172 Resp: 2375680
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.6 21.2 31.8



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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

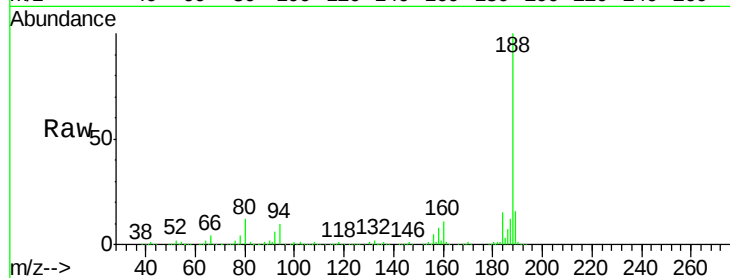
Tot Ion:188 Resp: 1015115

Ion Ratio Lower Upper

188 100

94 10.4 6.1 9.1#

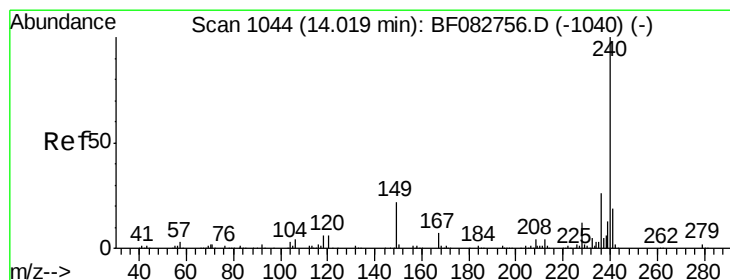
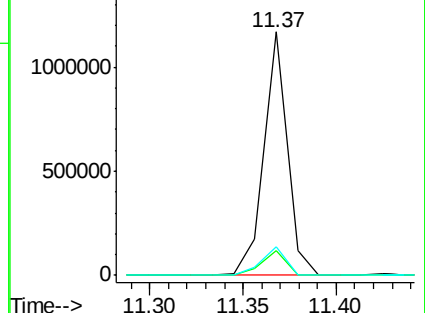
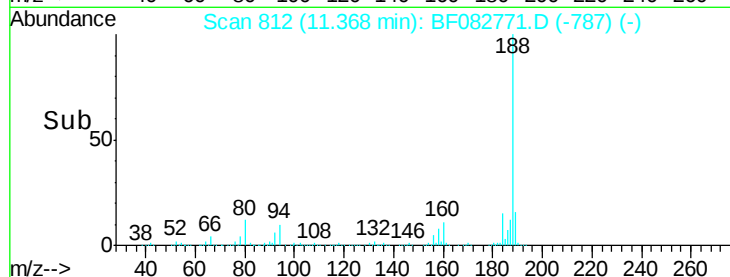
80 11.9 7.0 10.6#



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

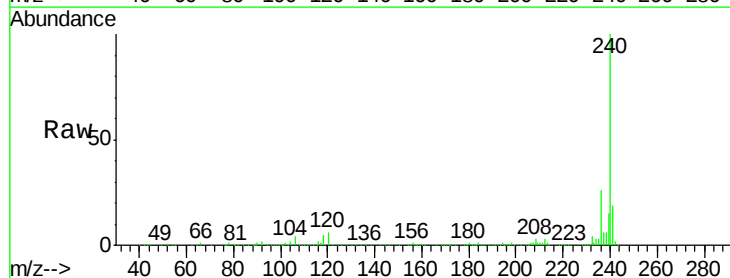
Tgt Ion:240 Resp: 994408

Ion Ratio Lower Upper

240 100

120 5.8 10.9 16.3#

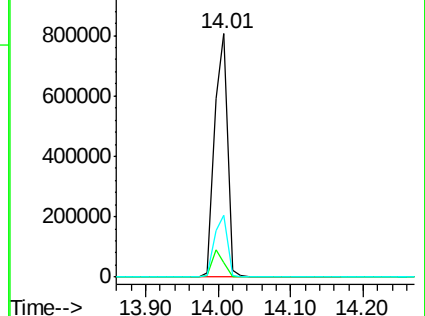
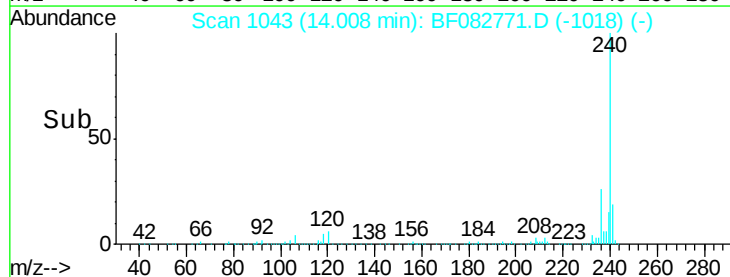
236 25.7 21.6 32.4

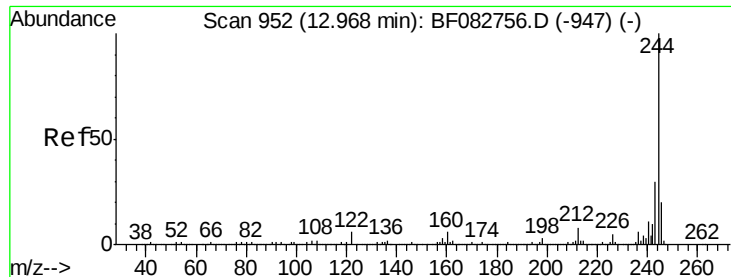


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



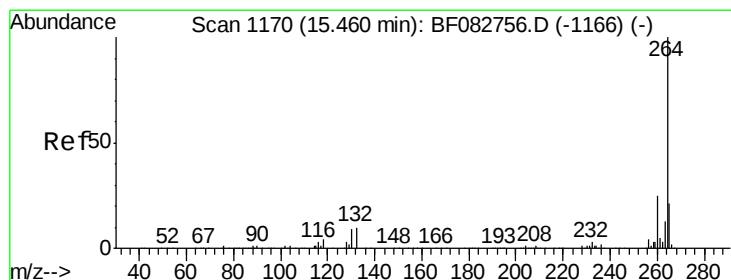
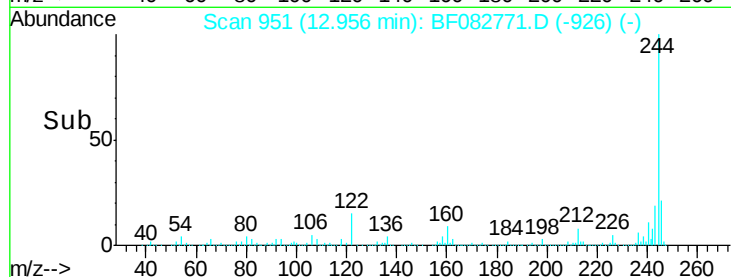
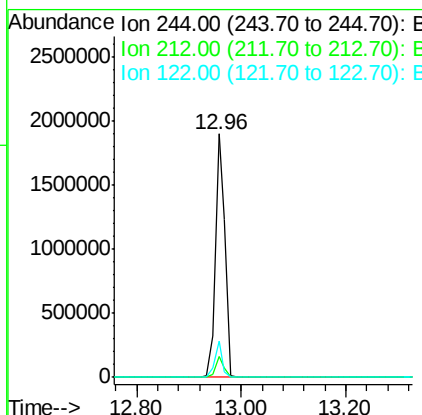
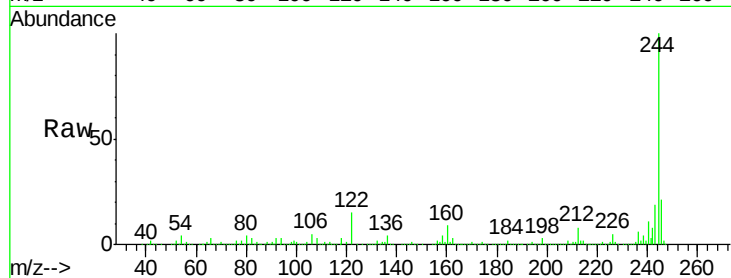


#78
 Terphenyl-d14
 Concen: 57.25 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BL

Tot Ion:244 Resp: 2400237

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.6	11.4
122	14.7	11.3	16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

Tgt Ion:264 Resp: 836019

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	21.9	17.4	26.0

