

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082777.D
 Acq On : 6 Nov 2015 22:53
 Operator : UM/IZ
 Sample : PB86432TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86432TB

Quant Time: Nov 07 03:42:42 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	232986	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	928524	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	454527	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	907995	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	984702	20.00	ng	-0.01
86) Perylene-d12	15.43	264	716392	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1597047	106.65	ng	0.01
7) Phenol-d6	6.48	99	2083691	104.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	1470228	68.90	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	545629	104.70	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2293995	72.34	ng	0.00
78) Terphenyl-d14	12.96	244	2544322	61.28	ng	-0.01

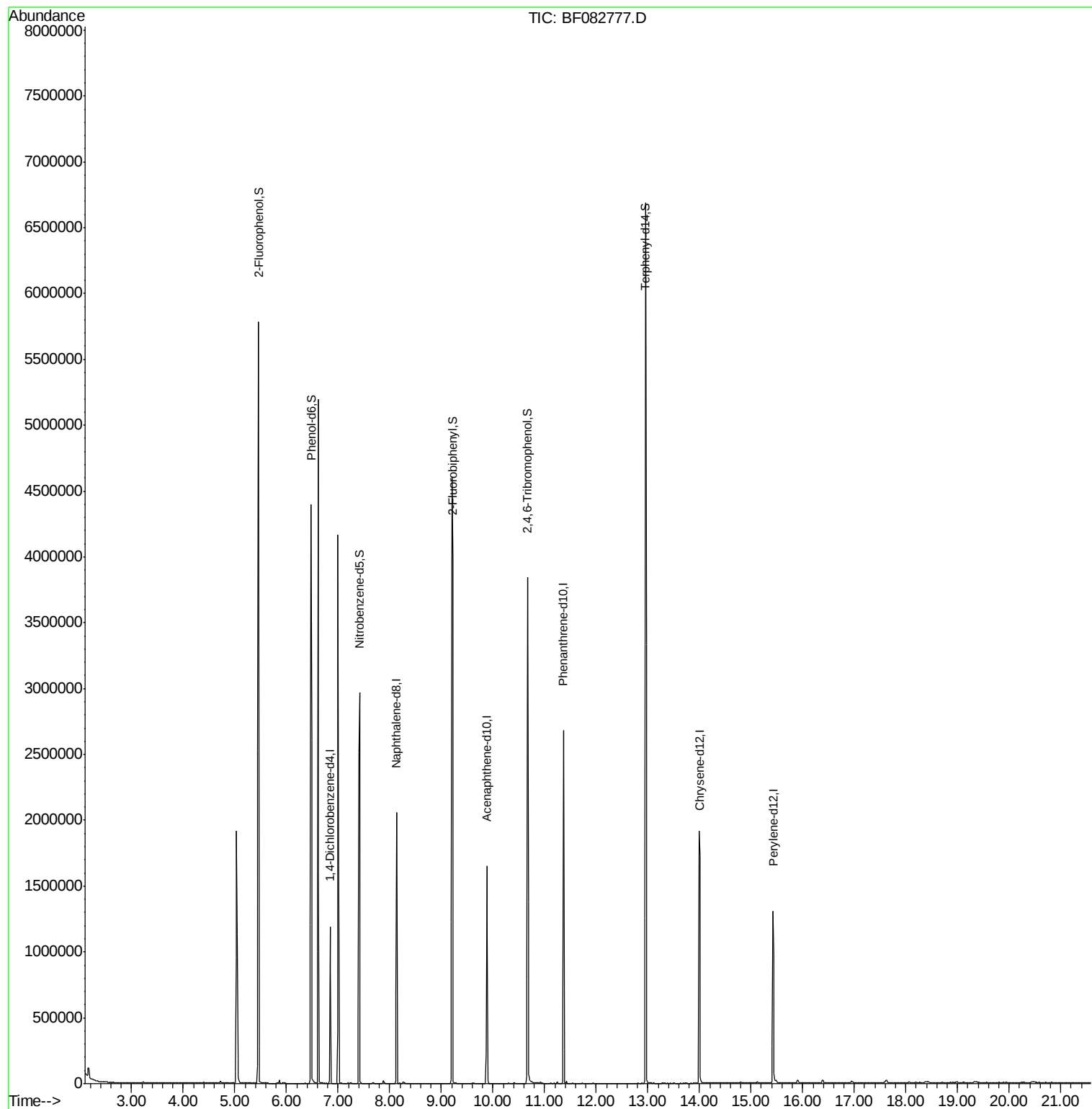
Target Compounds Qvalue

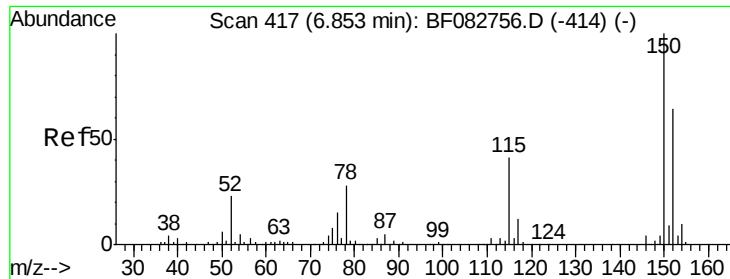
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB86432TB

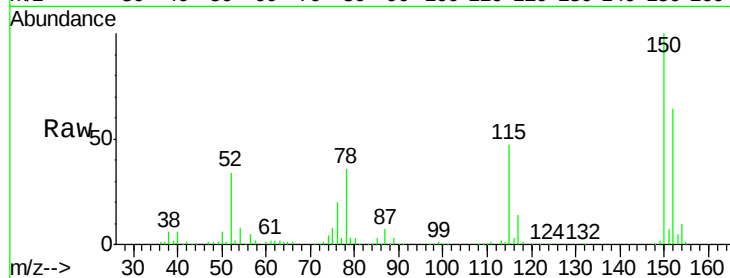
Tot Ion:152 Resp: 232986

Ion Ratio Lower Upper

152 100

150 157.0 127.0 190.4

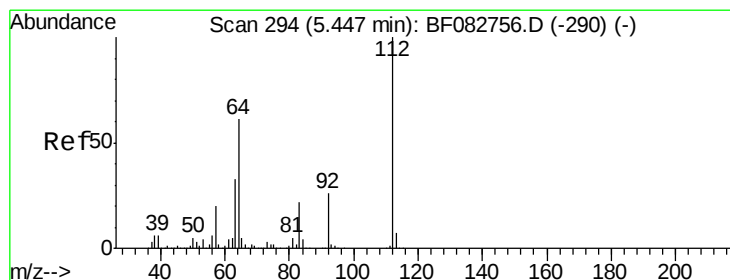
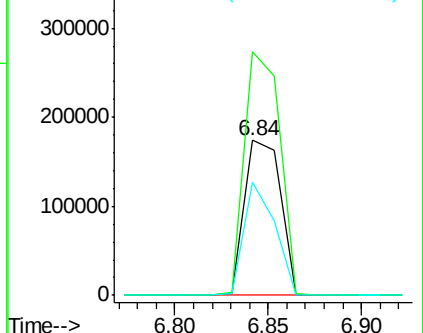
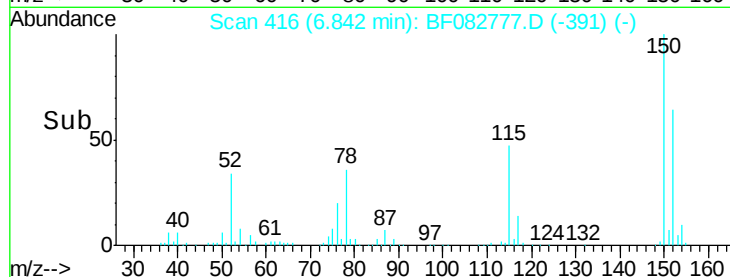
115 73.0 47.0 70.6#



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: 106.65 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

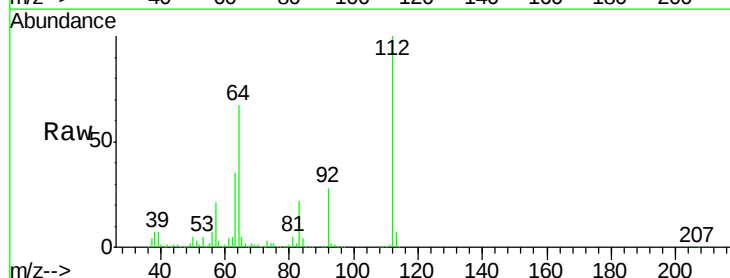
Tgt Ion:112 Resp: 1597047

Ion Ratio Lower Upper

112 100

64 67.1 48.9 73.3

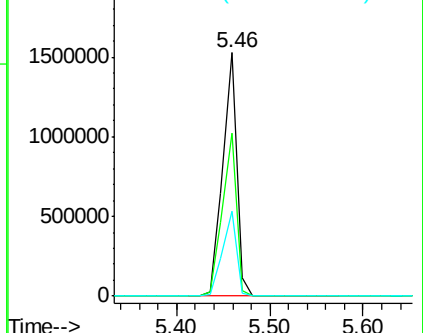
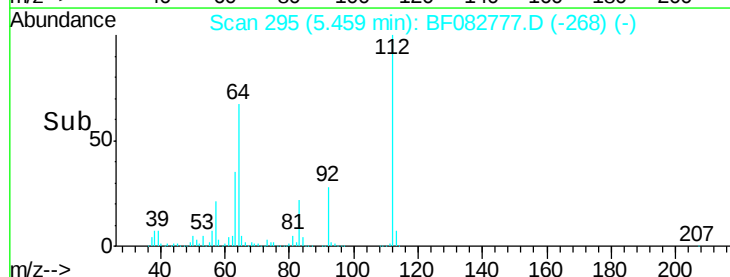
63 34.8 28.1 42.1



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: 104.67 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

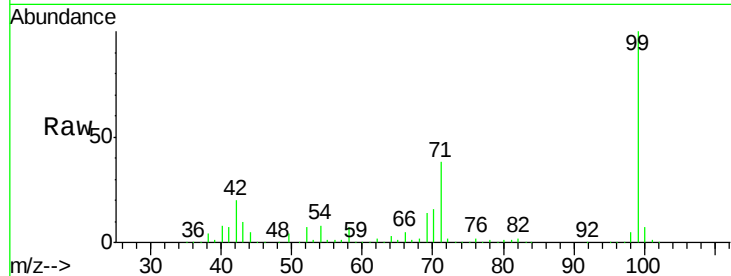
BNA_F

ClientSampleId :

PB86432TB

Tot Ion: 99 Resp: 2083691

Ion	Ratio	Lower	Upper
99	100		
42	20.4	19.2	28.8
71	38.0	35.0	52.4

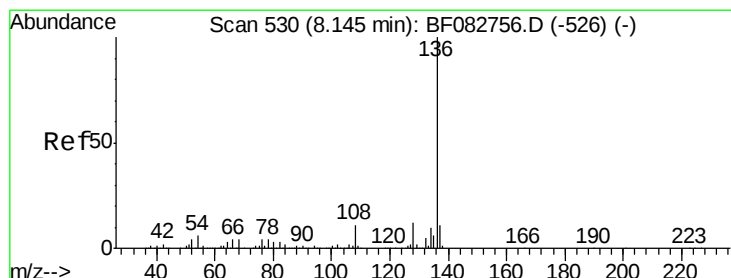
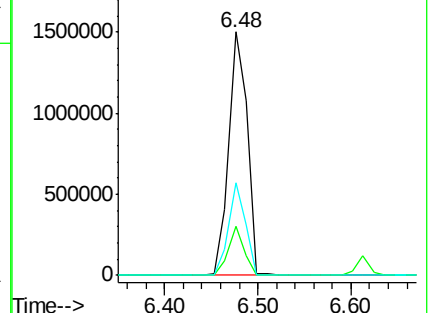
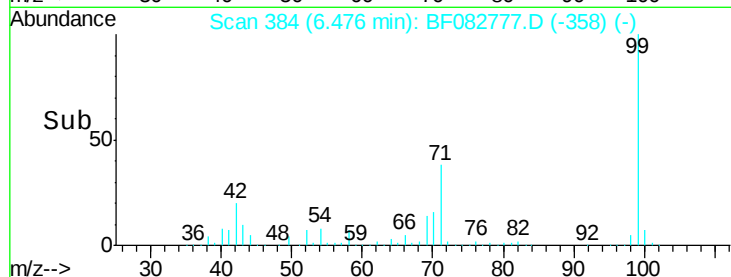


Abundance

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

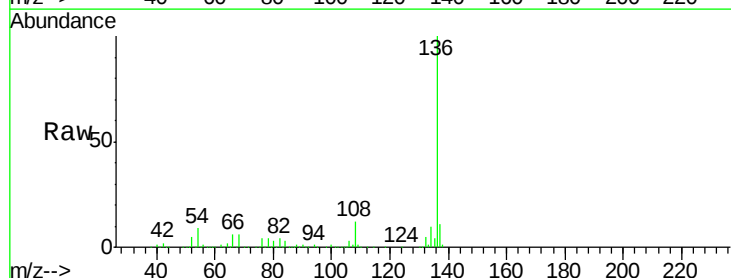
Delta R.T. -0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Tgt Ion: 136 Resp: 928524

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.8	9.1	13.7#
68	6.3	4.8	7.2



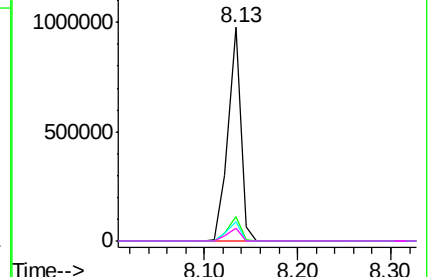
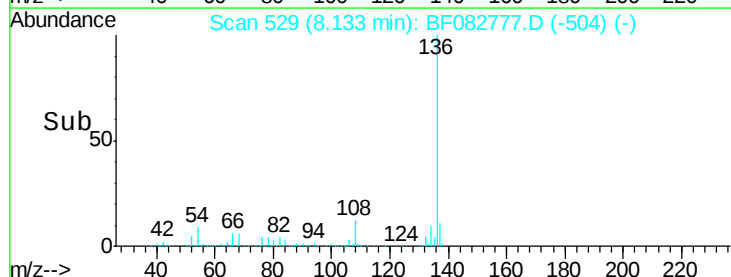
Abundance

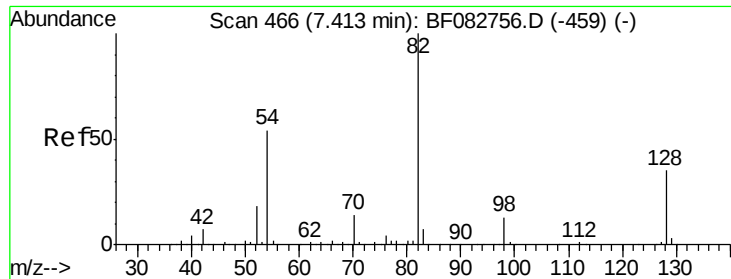
Ion 136.00 (135.70 to 136.70): E

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

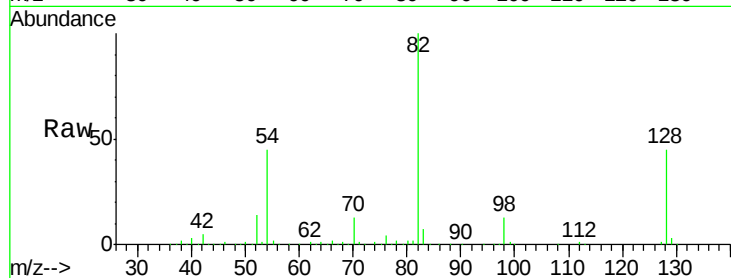




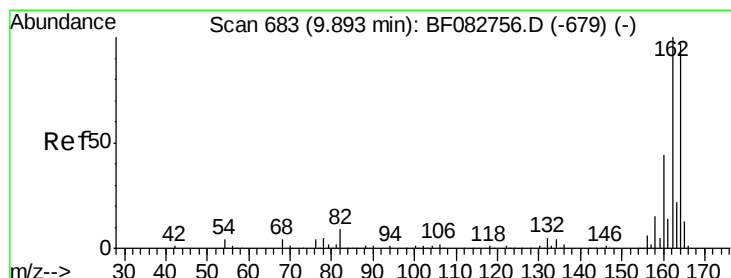
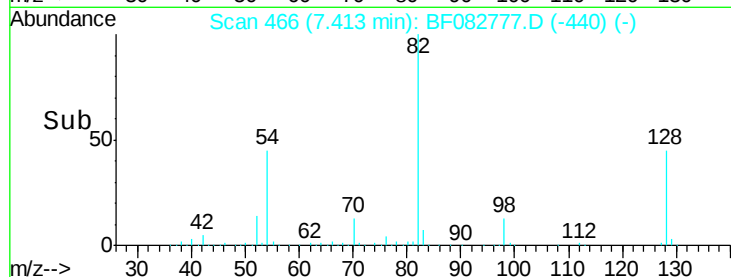
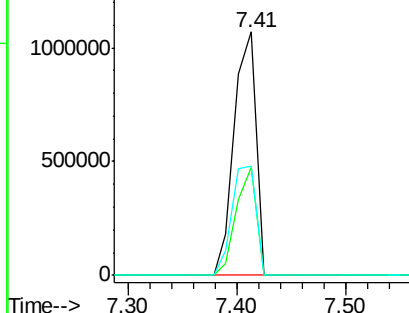
#23
Nitrobenzene-d5
Concen: 68.90 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

Instrument :
BNA_F
ClientSampled :
PB86432TB

Tot Ion: 82 Resp: 1470228
Ion Ratio Lower Upper
82 100
128 44.6 26.8 40.2#
54 44.9 45.7 68.5#

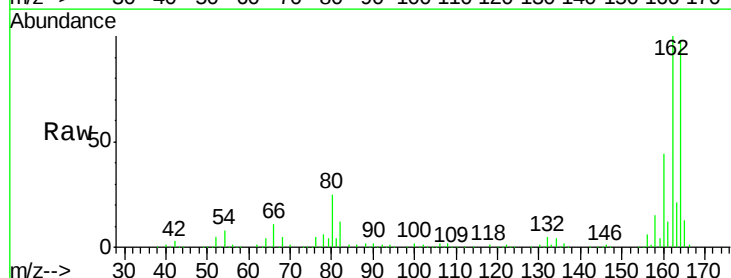


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

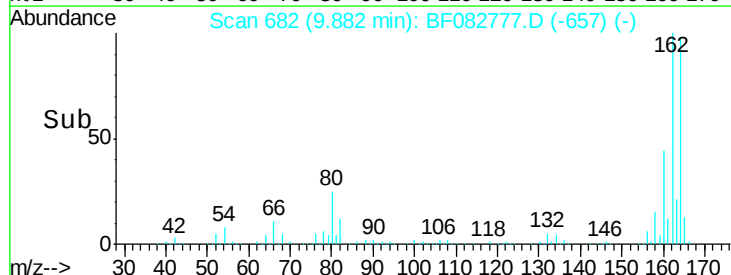
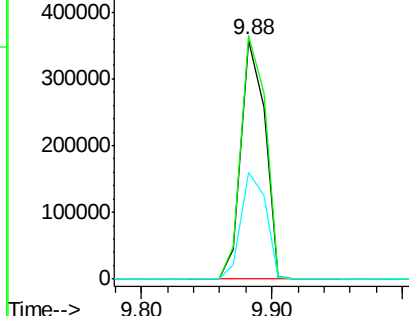


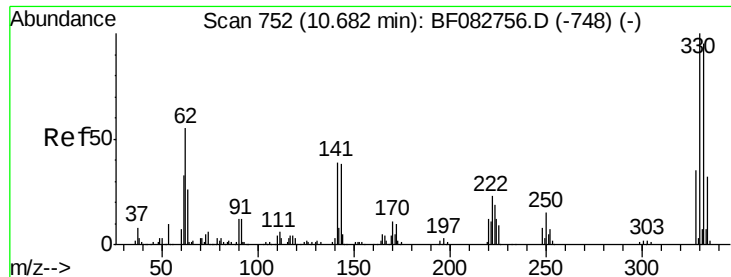
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

Tgt Ion:164 Resp: 454527
Ion Ratio Lower Upper
164 100
162 102.1 84.9 127.3
160 44.7 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

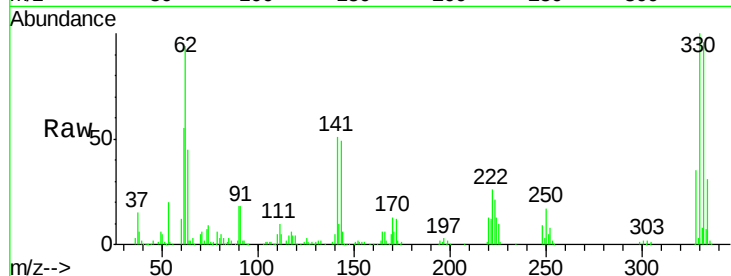




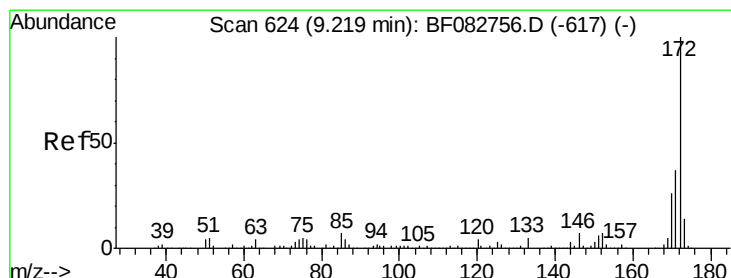
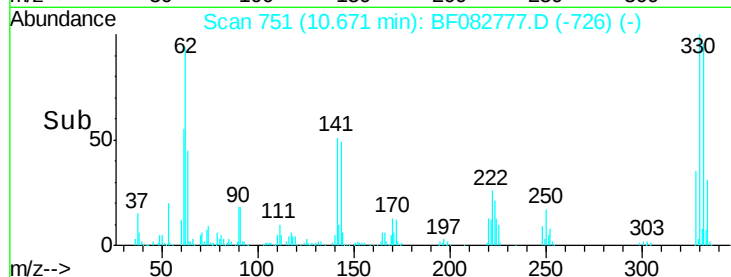
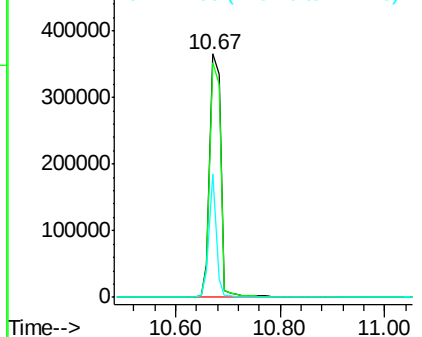
#41
 2,4,6-Tribromophenol
 Concen: 104.70 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082777.D
 Acq: 6 Nov 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB86432TB

Tot Ion:330 Resp: 545629
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 33.2 41.2 61.8#

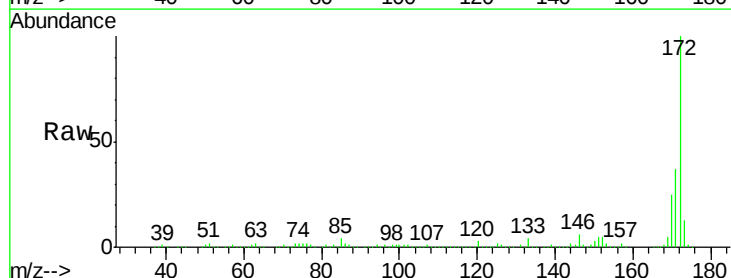


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

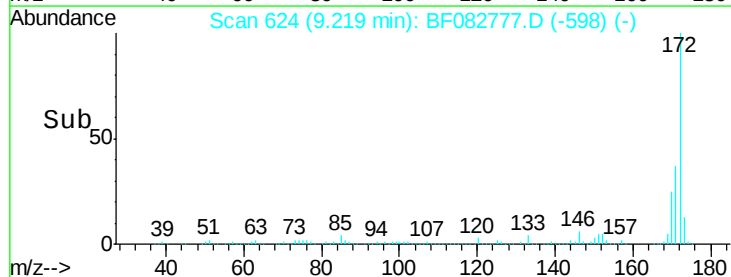
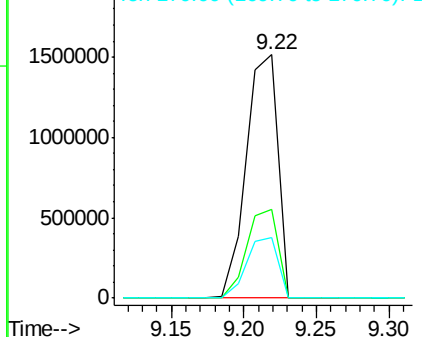


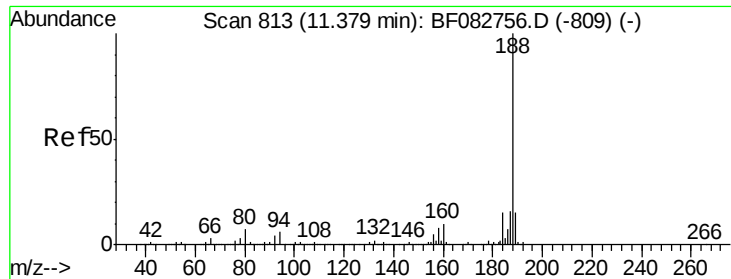
#44
 2-Fluorobiphenyl
 Concen: 72.34 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082777.D
 Acq: 6 Nov 2015 22:53

Tgt Ion:172 Resp: 2293995
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.9 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

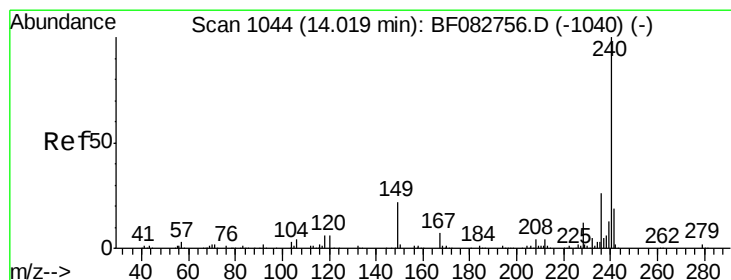
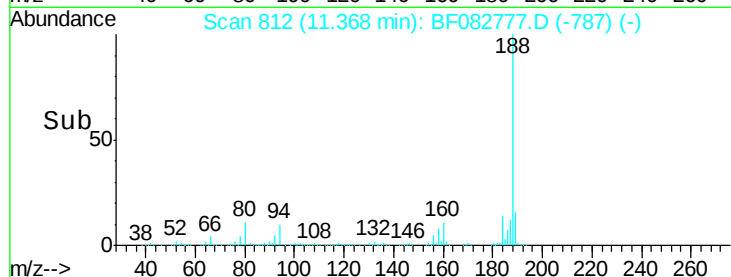
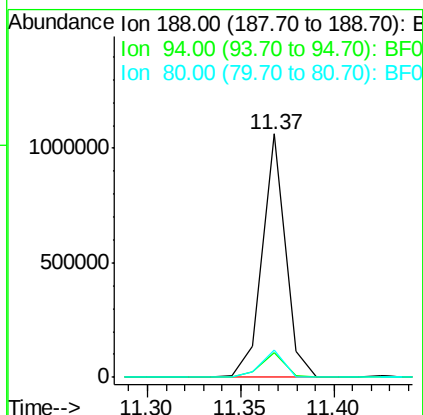
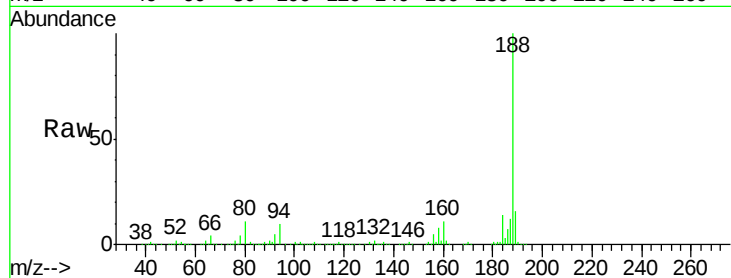




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

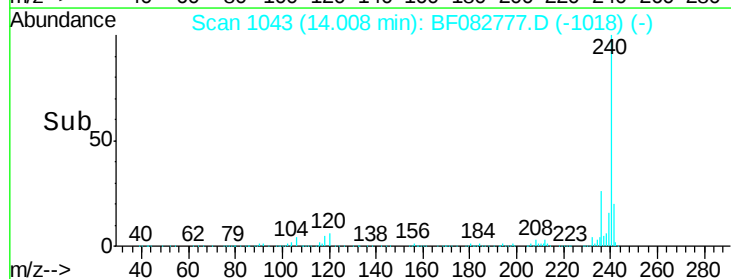
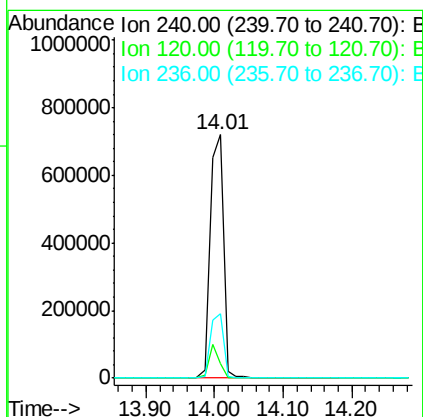
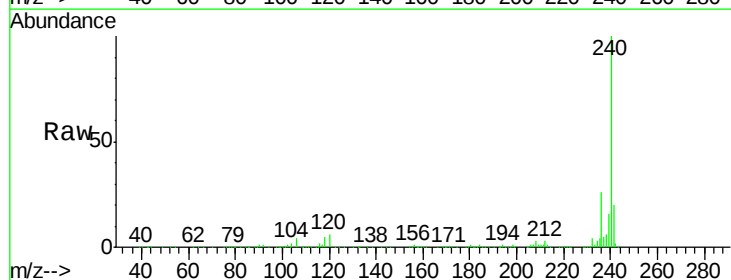
Instrument :
BNA_F
ClientSampleId :
PB86432TB

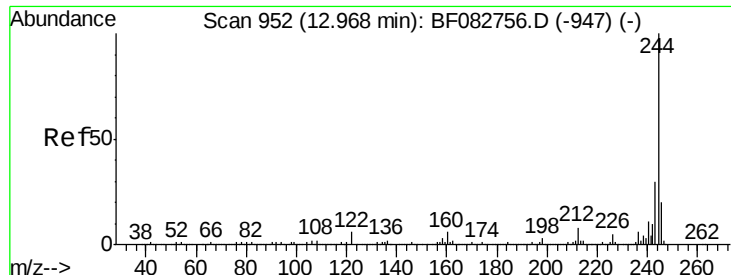
Tot Ion:188 Resp: 907995
Ion Ratio Lower Upper
188 100
94 9.9 6.1 9.1#
80 11.0 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

Tgt Ion:240 Resp: 984702
Ion Ratio Lower Upper
240 100
120 6.0 10.9 16.3#
236 26.3 21.6 32.4

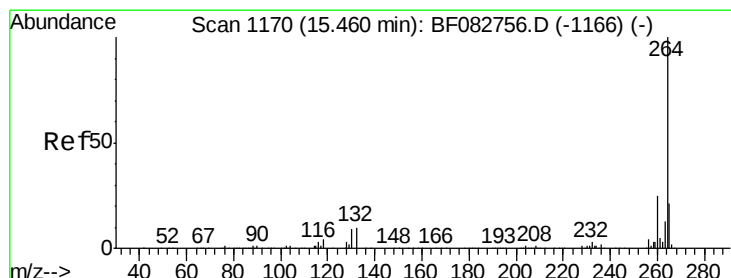
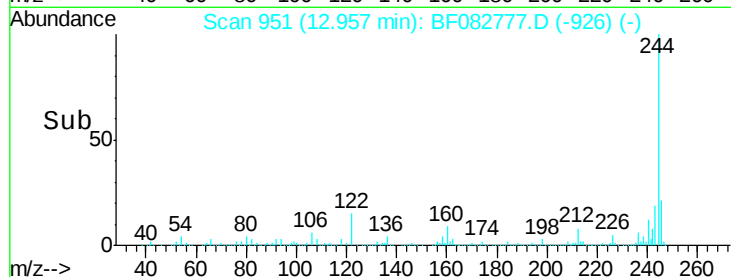
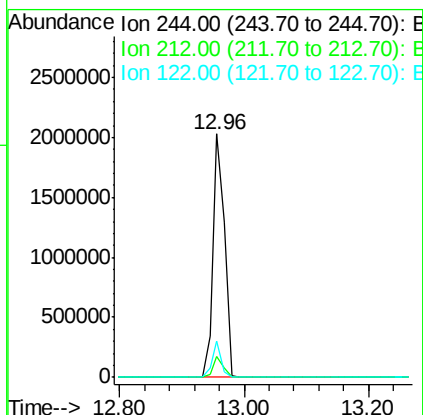
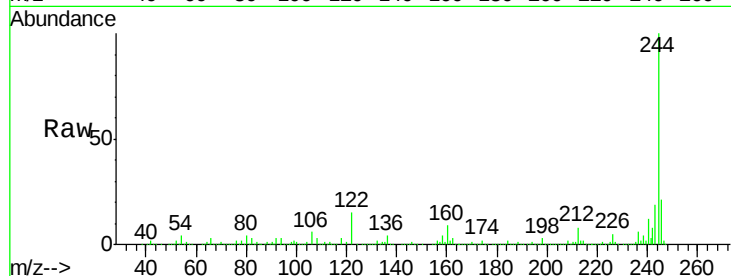




#78
 Terphenyl-d14
 Concen: 61.28 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082777.D
 Acq: 6 Nov 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB86432TB

Tot Ion:244 Resp: 2544322
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 14.9 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: BF082777.D
 Acq: 6 Nov 2015 22:53

Tgt Ion:264 Resp: 716392
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 22.4 17.4 26.0

