

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082775.D
 Acq On : 6 Nov 2015 21:55
 Operator : UM/IZ
 Sample : PB86421BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BL

Quant Time: Nov 07 03:38:26 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	6.85	152	240751	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	977810	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	479067	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	768381	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	735846	20.00	ng	-0.02
86) Perylene-d12	15.44	264	616326	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1681820	108.69	ng	0.01
7) Phenol-d6	6.48	99	2224802	108.16	ng	0.00
23) Nitrobenzene-d5	7.41	82	1589227	70.72	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	537304	97.82	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2509996	75.09	ng	0.00
78) Terphenyl-d14	12.96	244	2197676	70.84	ng	-0.01

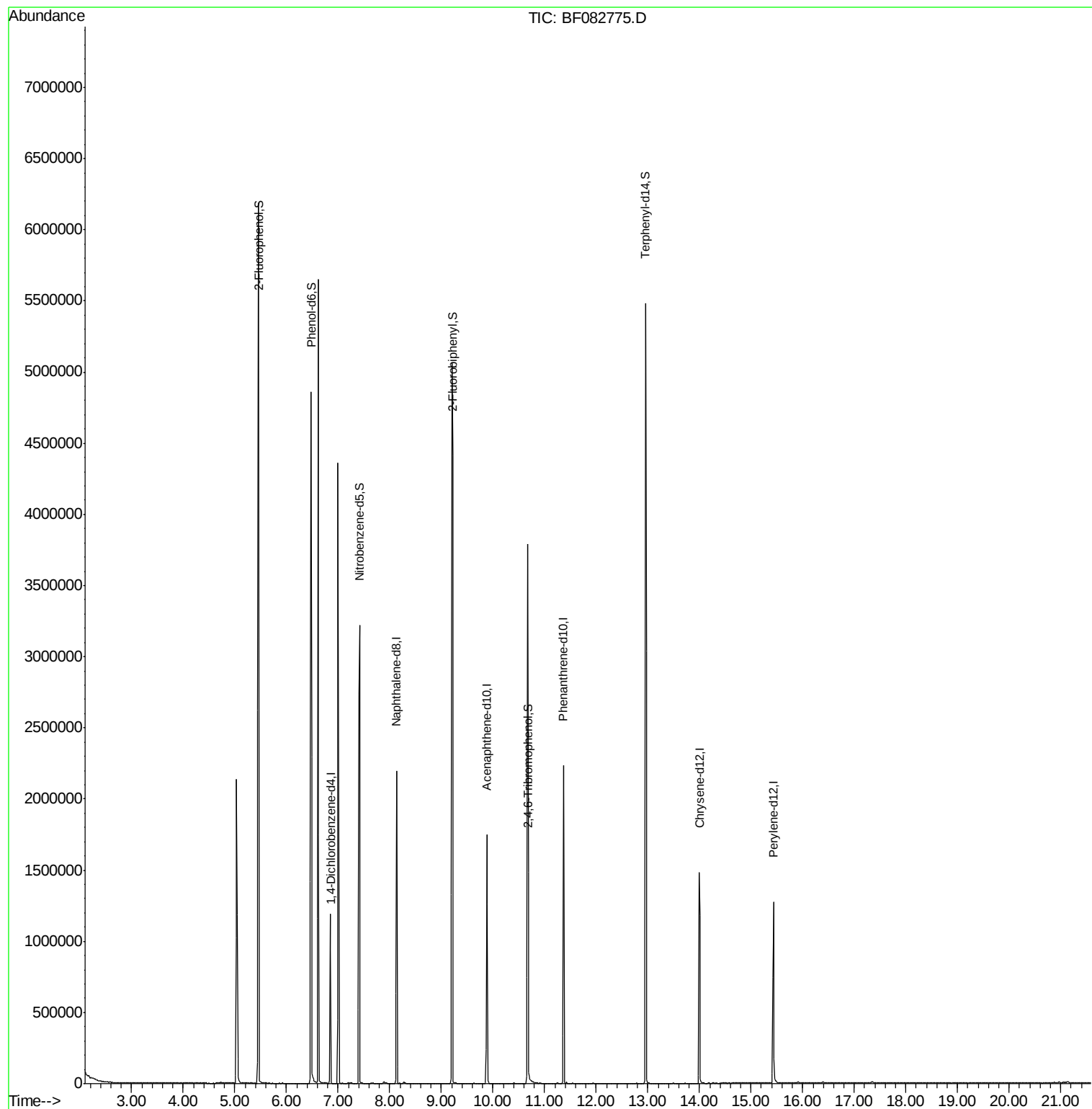
Target Compounds Qvalue

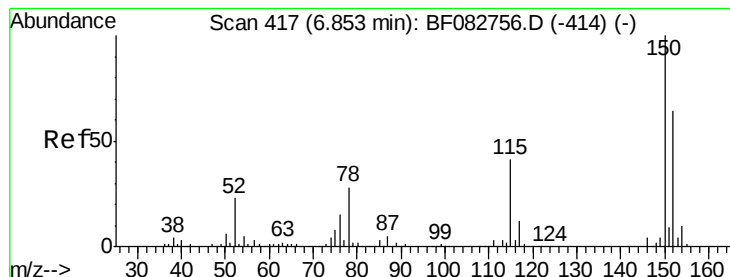
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

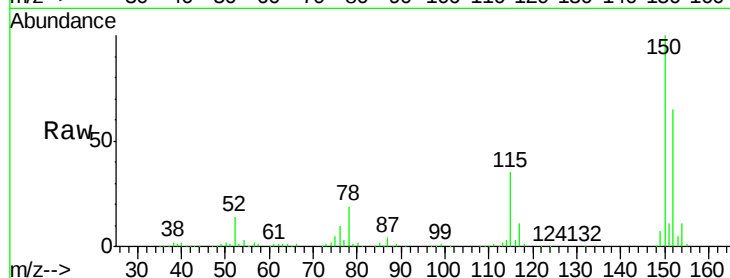
Tot Ion:152 Resp: 240751

Ion Ratio Lower Upper

152 100

150 154.0 127.0 190.4

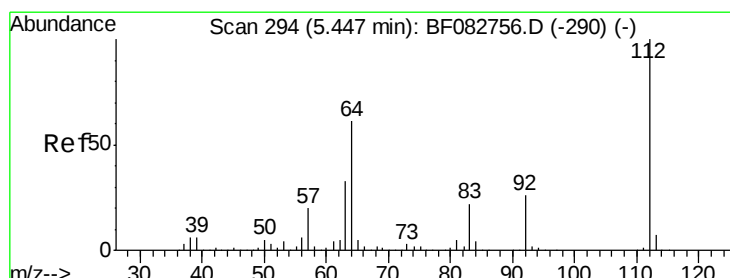
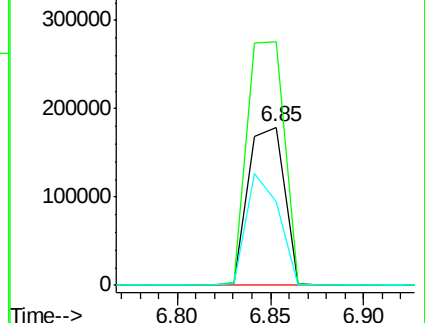
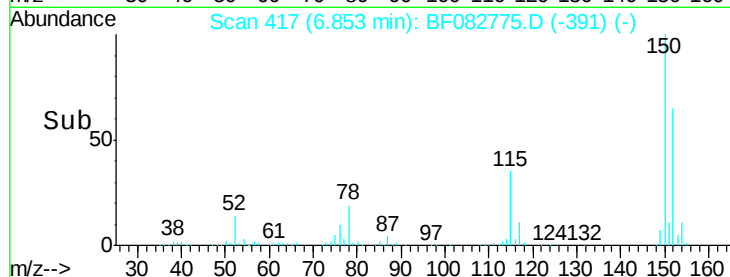
115 53.2 47.0 70.6



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: 108.69 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

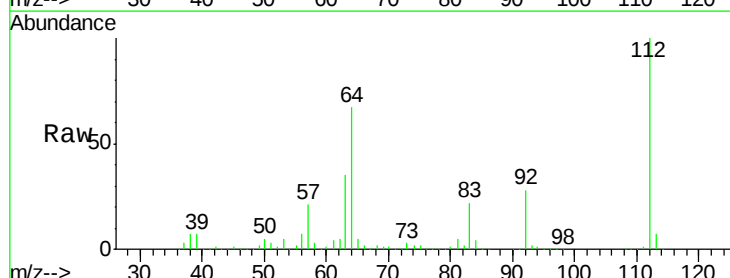
Tgt Ion:112 Resp: 1681820

Ion Ratio Lower Upper

112 100

64 67.0 48.9 73.3

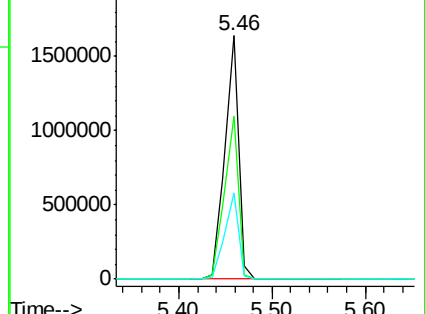
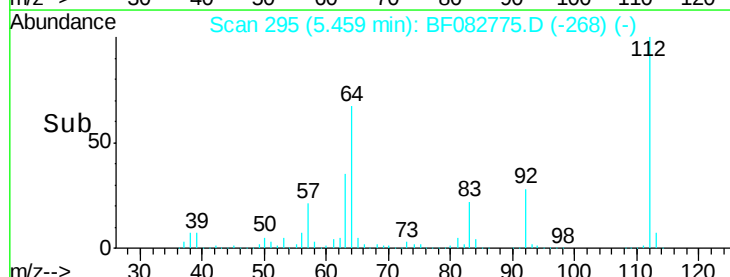
63 35.4 28.1 42.1



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: 108.16 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

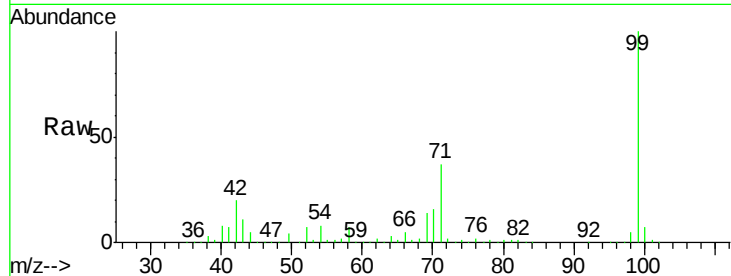
Tot Ion: 99 Resp: 2224802

Ion	Ratio	Lower	Upper
99	100		
42	20.0	19.2	28.8
71	37.1	35.0	52.4

99 100

42 20.0 19.2 28.8

71 37.1 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

6.48

1500000

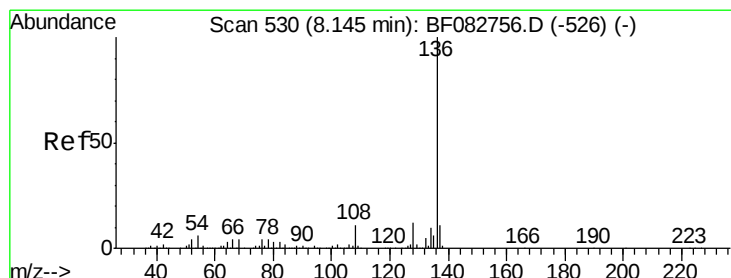
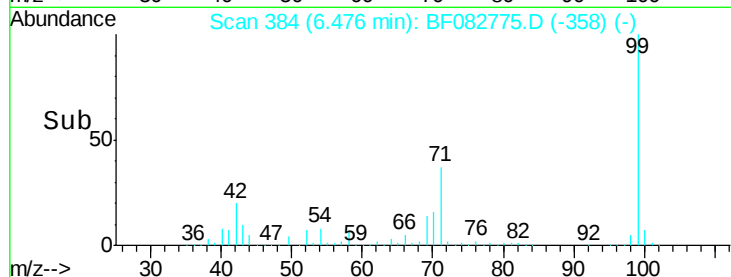
1000000

500000

0

6.40 6.50 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Tgt Ion: 136 Resp: 977810

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.8	9.1	13.7#
68	6.5	4.8	7.2

136 100

137 11.2 9.1 13.7

54 8.8 9.1 13.7#

68 6.5 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

8.13

1500000

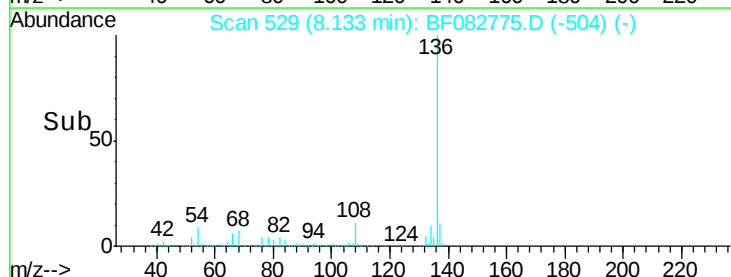
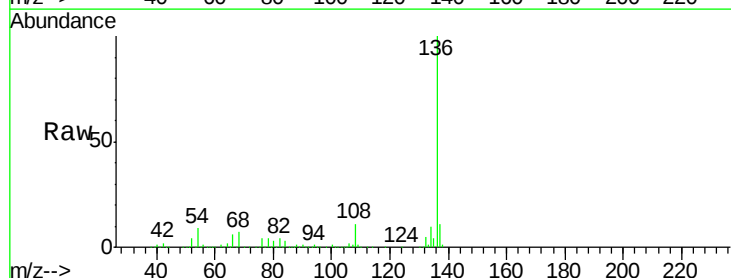
1000000

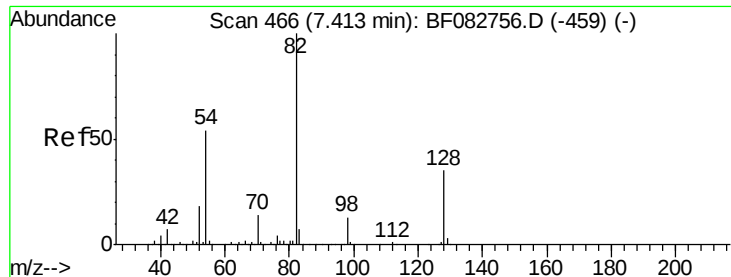
500000

0

8.10 8.20

Time-->





#23

Nitrobenzene-d5

Concen: 70.72 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

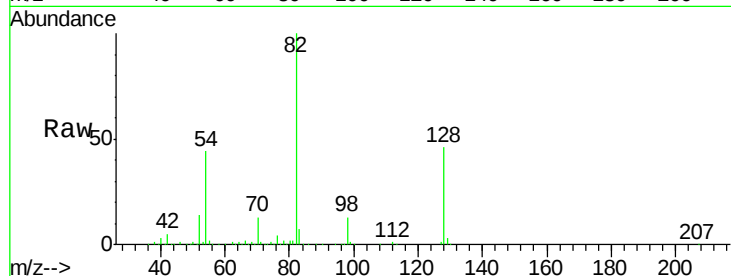
Tot Ion: 82 Resp: 1589227

Ion Ratio Lower Upper

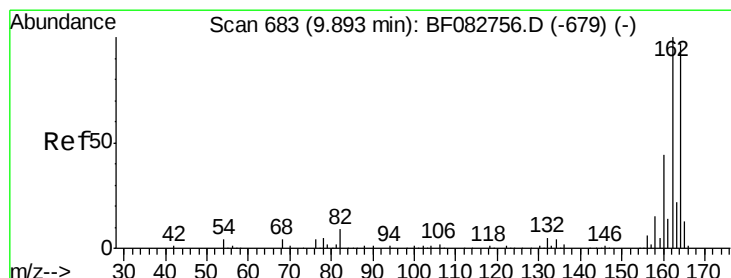
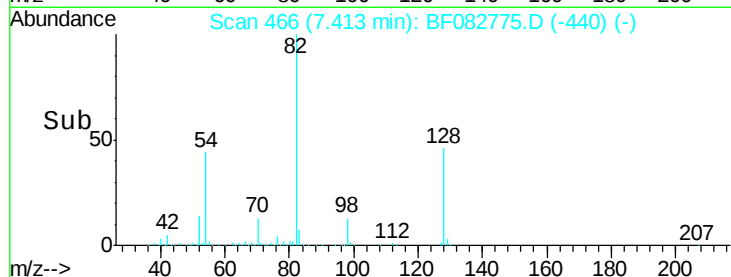
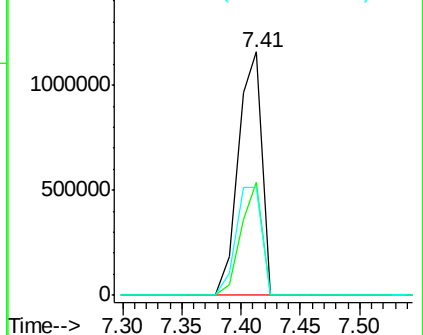
82 100

128 46.3 26.8 40.2#

54 44.2 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: BF082775.D

Acq: 6 Nov 2015 21:55

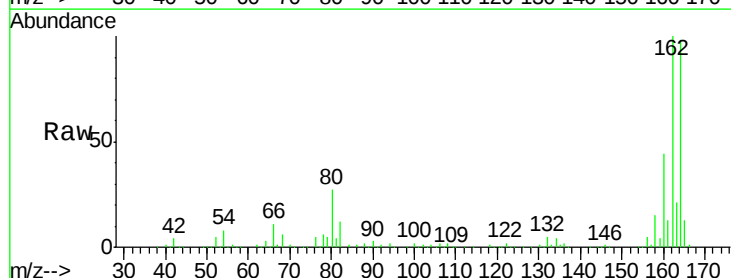
Tgt Ion:164 Resp: 479067

Ion Ratio Lower Upper

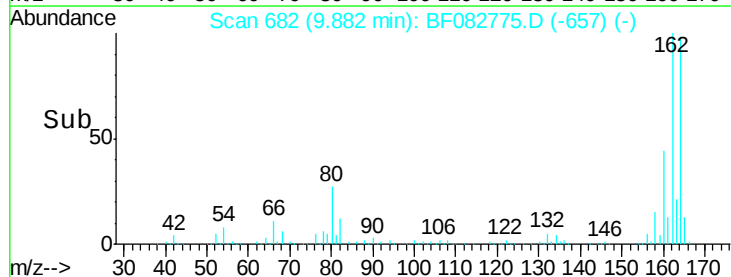
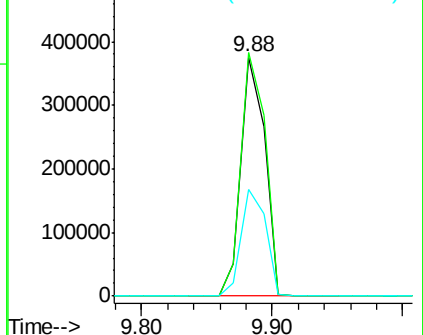
164 100

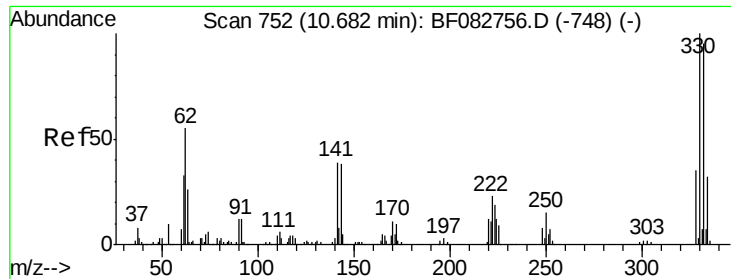
162 101.9 84.9 127.3

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

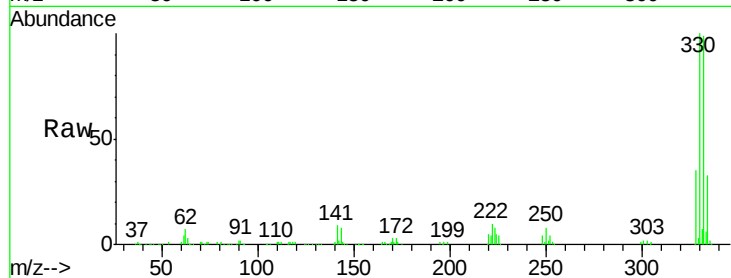




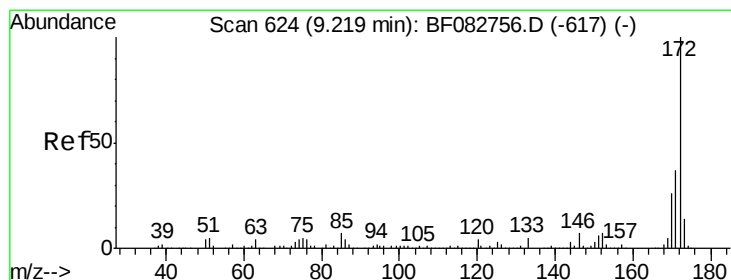
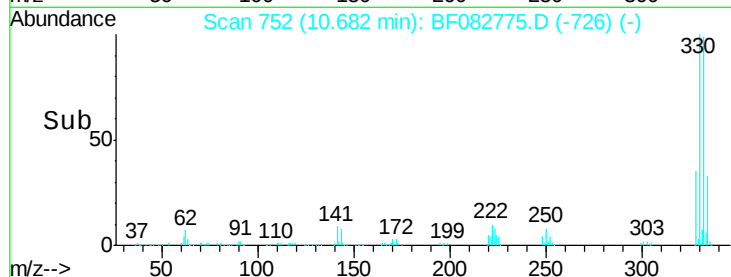
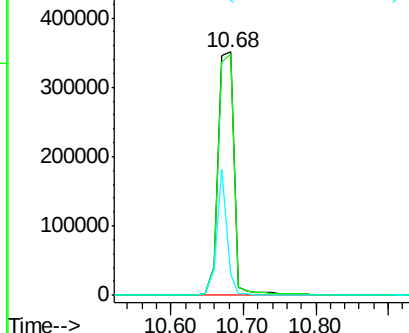
#41
 2,4,6-Tribromophenol
 Concen: 97.82 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BL

Tot Ion:330 Resp: 537304
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 114.8
 141 33.9 41.2 61.8#

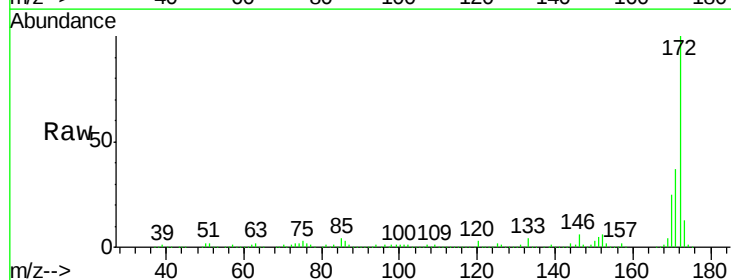


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

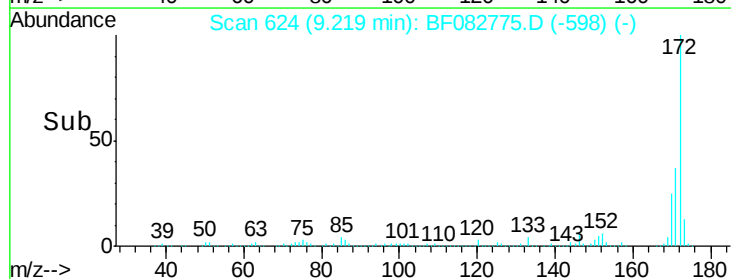
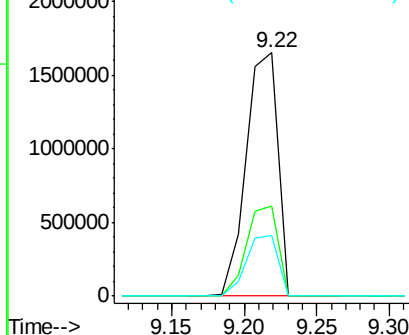


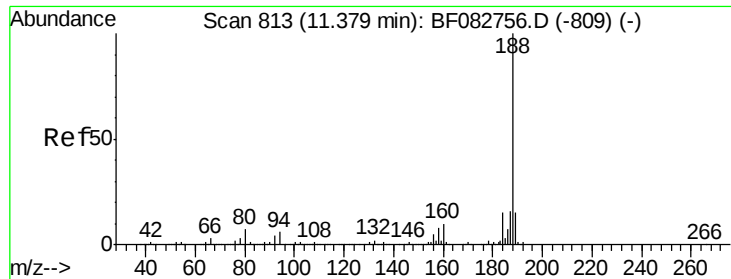
#44
 2-Fluorobiphenyl
 Concen: 75.09 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

Tgt Ion:172 Resp: 2509996
 Ion Ratio Lower Upper
 172 100
 171 37.0 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

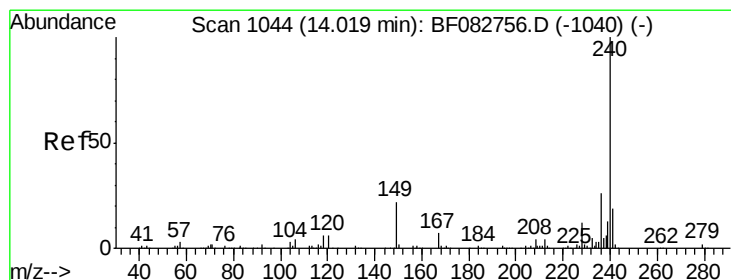
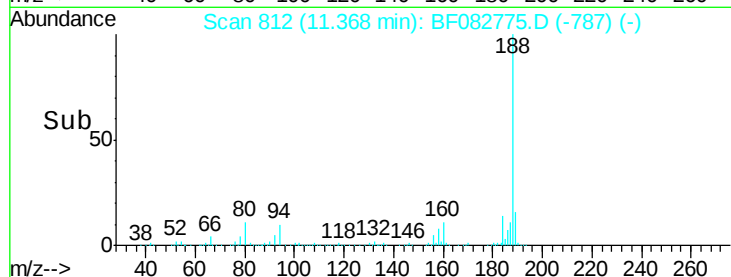
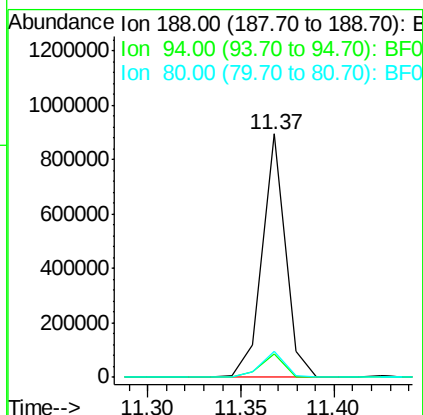
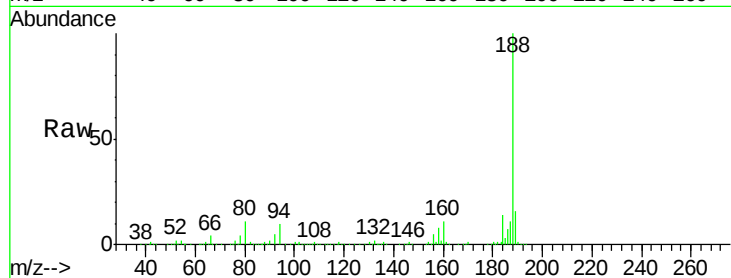




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

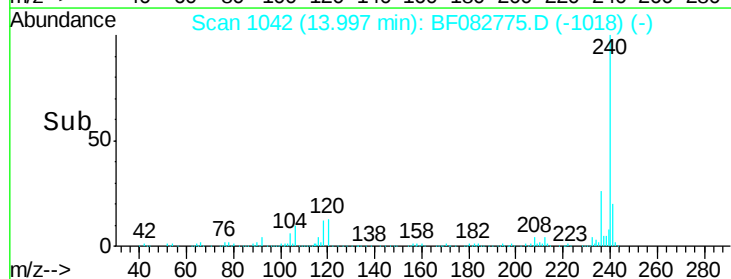
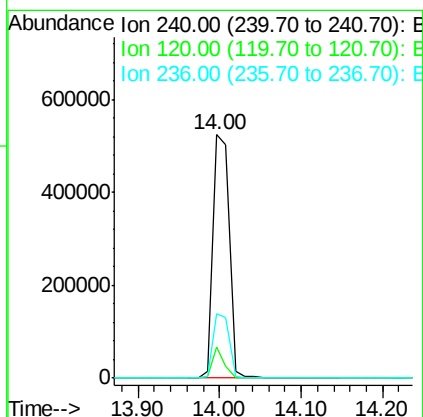
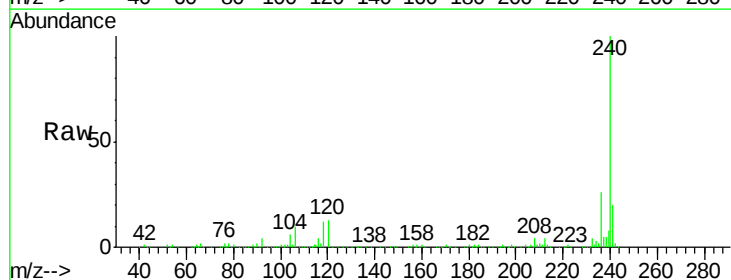
Instrument :
BNA_F
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PB86421BL

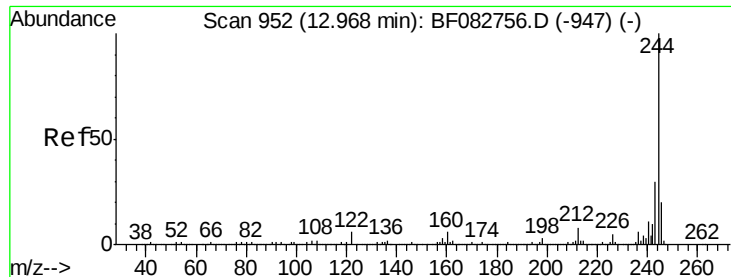
Tot Ion:188 Resp: 768381
Ion Ratio Lower Upper
188 100
94 9.7 6.1 9.1#
80 10.5 7.0 10.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

Tgt Ion:240 Resp: 735846
Ion Ratio Lower Upper
240 100
120 12.9 10.9 16.3
236 26.3 21.6 32.4

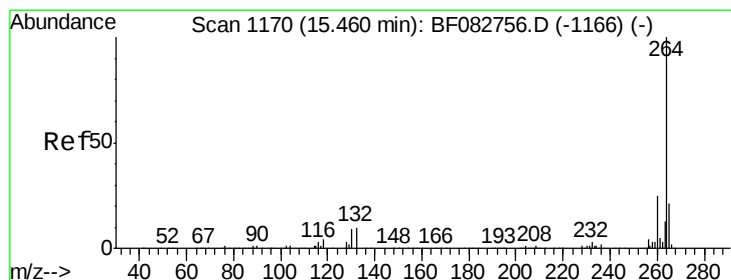
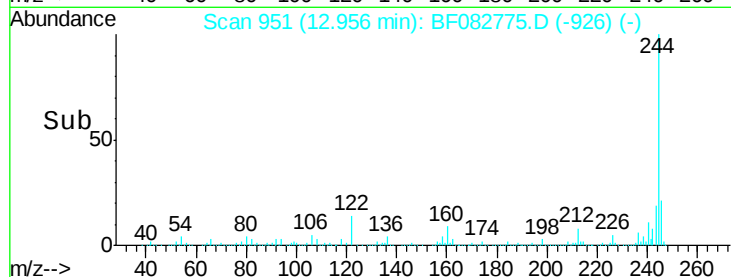
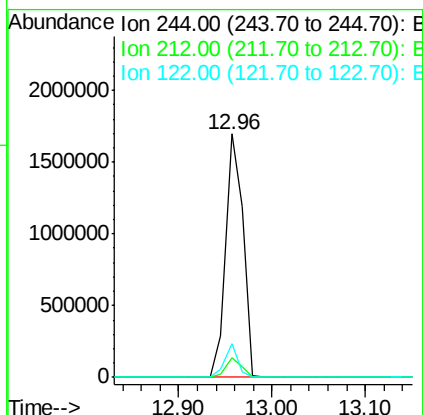
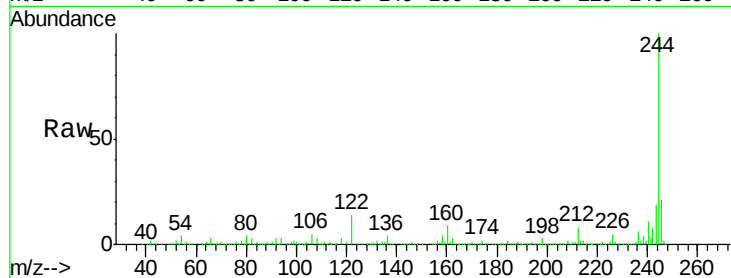




#78
 Terphenyl-d14
 Concen: 70.84 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BL

Tot Ion:244 Resp: 2197676
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 13.7 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

Tgt Ion:264 Resp: 616326
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.0 17.4 26.0

