

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082776.D
 Acq On : 6 Nov 2015 22:24
 Operator : UM/IZ
 Sample : PB86426BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86426BL

Quant Time: Nov 07 03:40:47 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	248864	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	874348	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	476641	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	826002	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	921629	20.00	ng	-0.02
86) Perylene-d12	15.43	264	764363	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1687017	105.47	ng	0.01
7) Phenol-d6	6.48	99	2332434	109.69	ng	0.00
23) Nitrobenzene-d5	7.41	82	1574118	78.34	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	516172	94.45	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2270983	68.29	ng	0.00
78) Terphenyl-d14	12.96	244	2485884	63.97	ng	-0.01

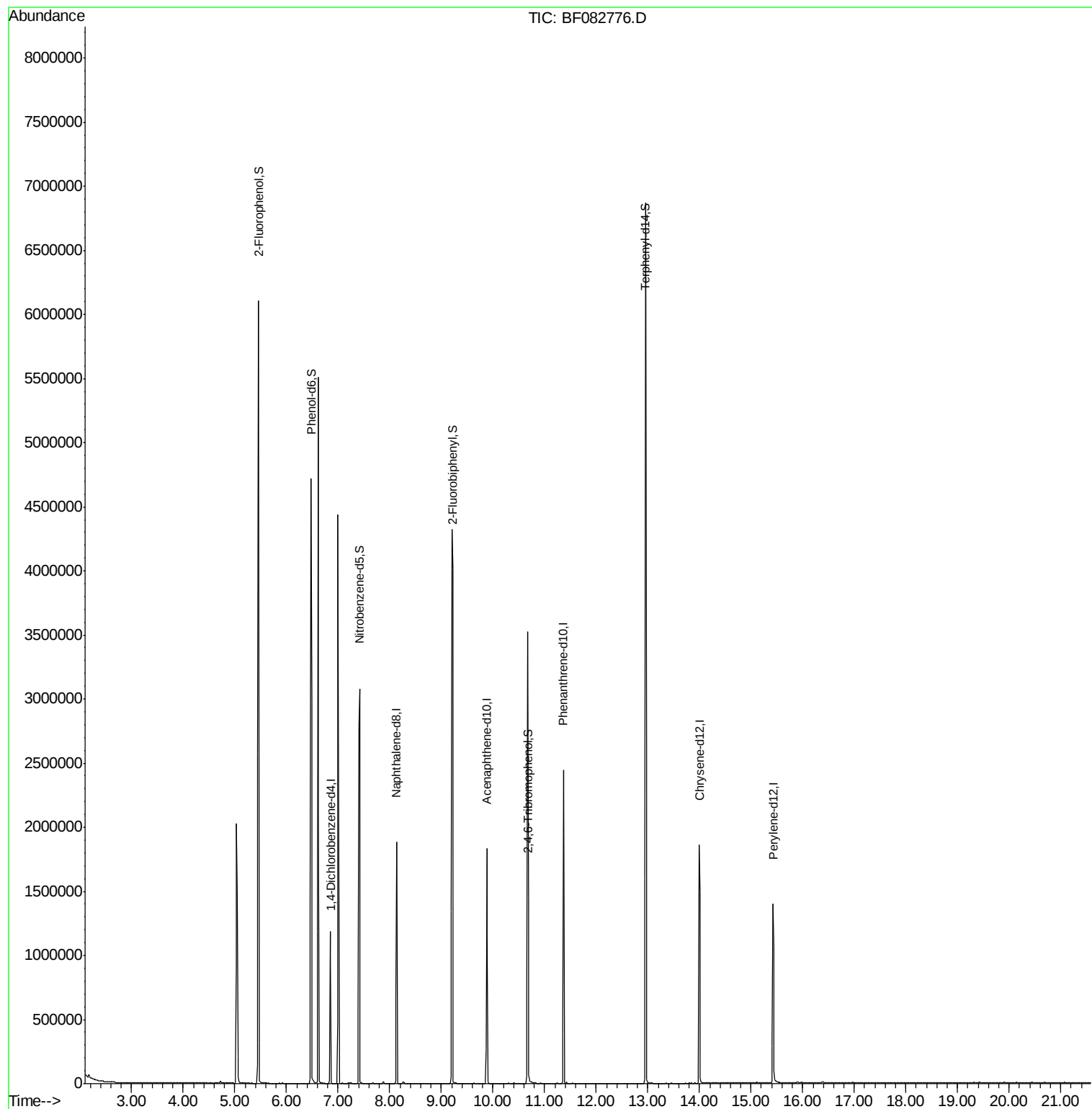
Target Compounds Qvalue

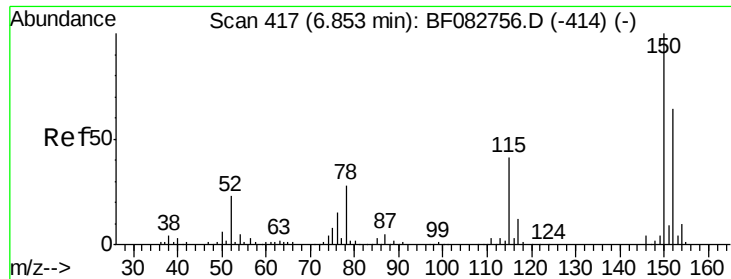
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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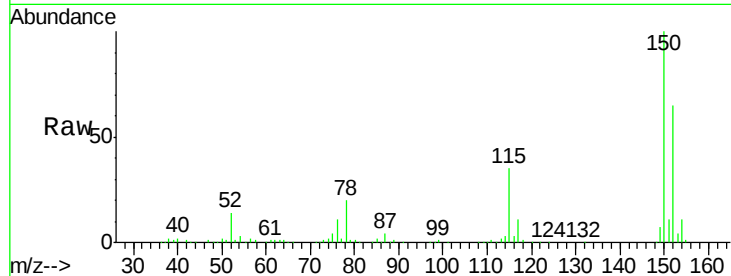


#1

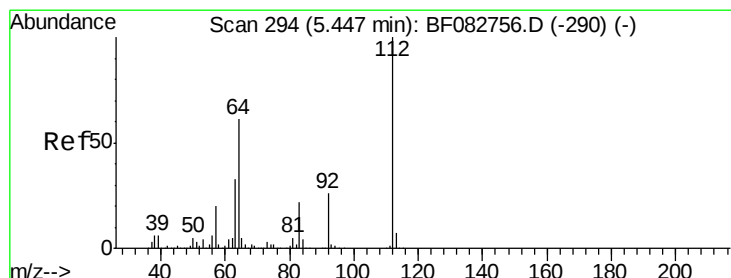
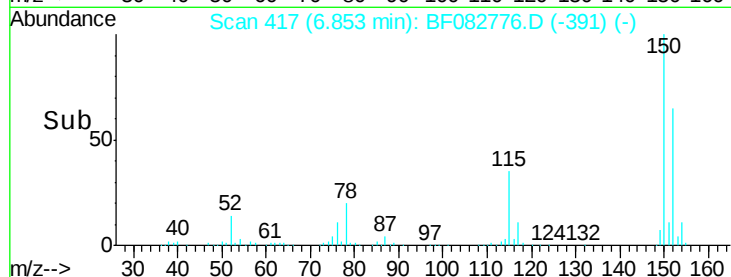
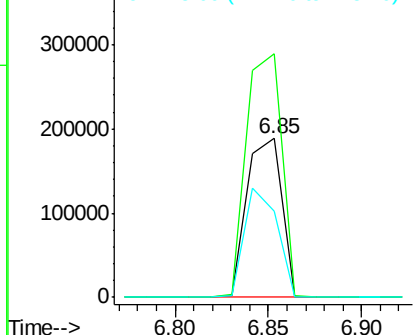
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082776.D
Acq: 6 Nov 2015 22:24

Instrument :
BNA_F
ClientSampleId :
PB86426BL

Tot Ion:152 Resp: 248864
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.4
115 53.9 47.0 70.6



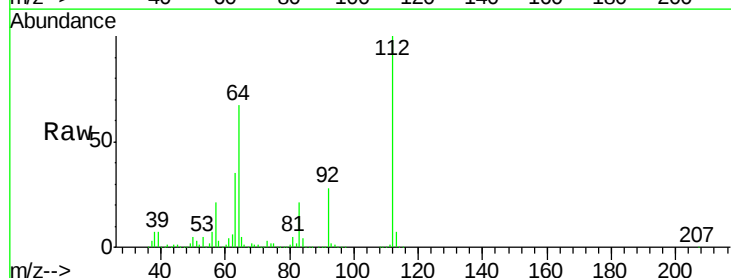
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



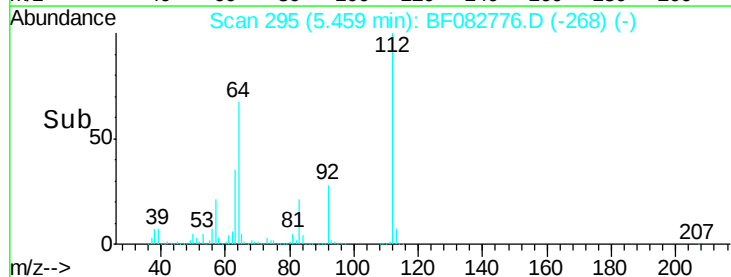
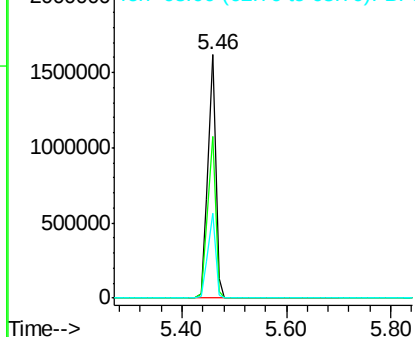
#5

2-Fluorophenol
Concen: 105.47 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF082776.D
Acq: 6 Nov 2015 22:24

Tgt Ion:112 Resp: 1687017
Ion Ratio Lower Upper
112 100
64 66.6 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: 109.69 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082776.D

Acq: 6 Nov 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB86426BL

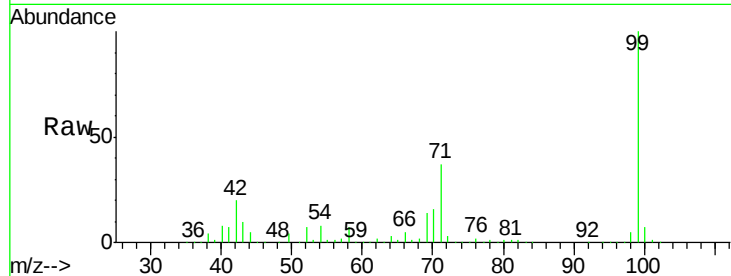
Tot Ion: 99 Resp: 2332434

Ion Ratio Lower Upper

99 100

42 20.0 19.2 28.8

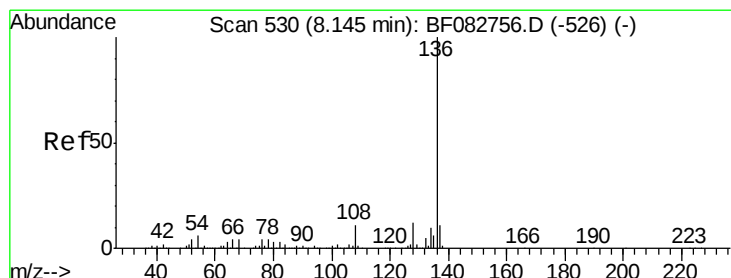
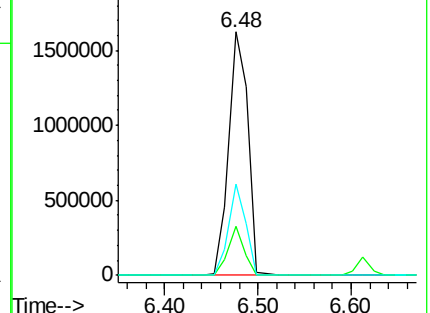
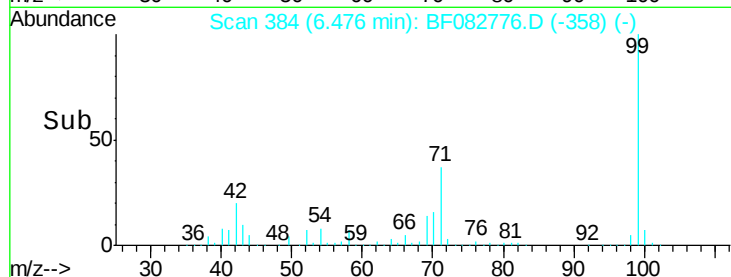
71 37.3 35.0 52.4



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: BF082776.D

Acq: 6 Nov 2015 22:24

Tgt Ion: 136 Resp: 874348

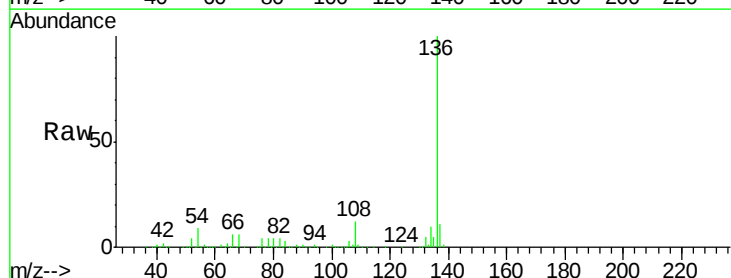
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.7 9.1 13.7#

68 6.0 4.8 7.2

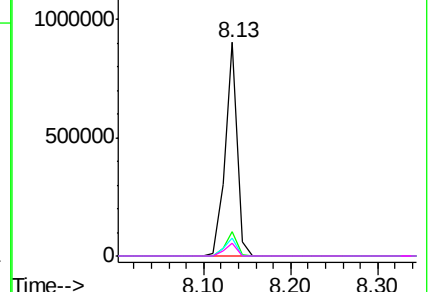
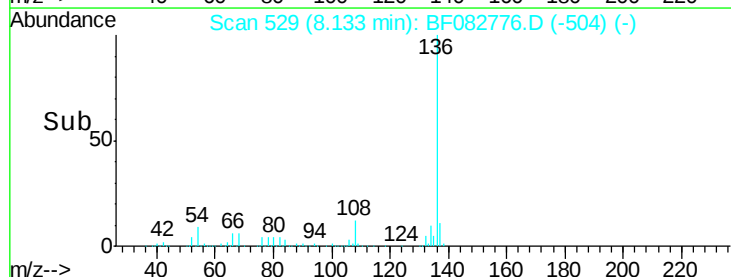


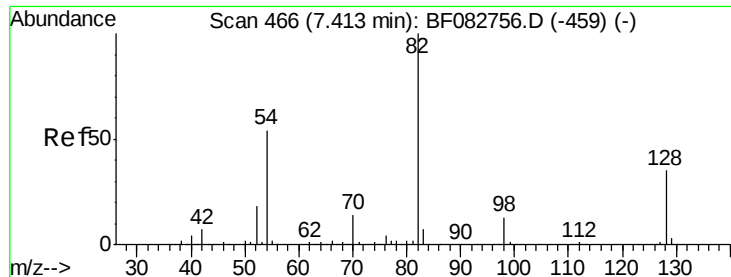
Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.34 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082776.D

Acq: 6 Nov 2015 22:24

Instrument :

BNA_F

ClientSampled :

PB86426BL

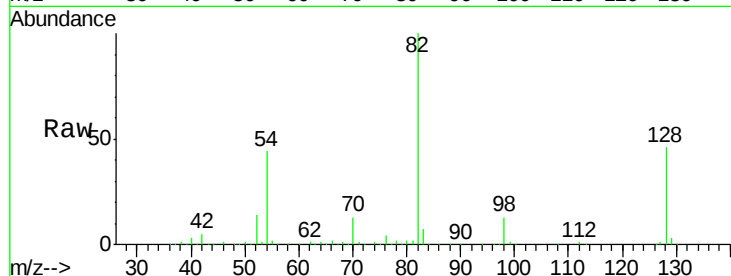
Tot Ion: 82 Resp: 1574118

Ion Ratio Lower Upper

82 100

128 46.3 26.8 40.2#

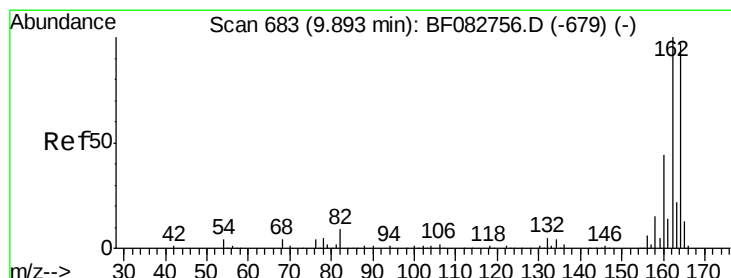
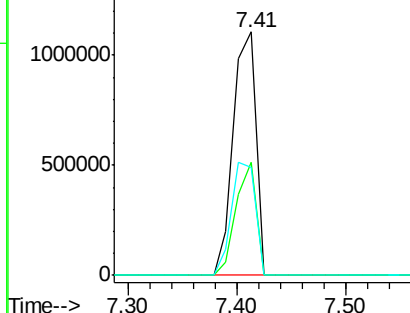
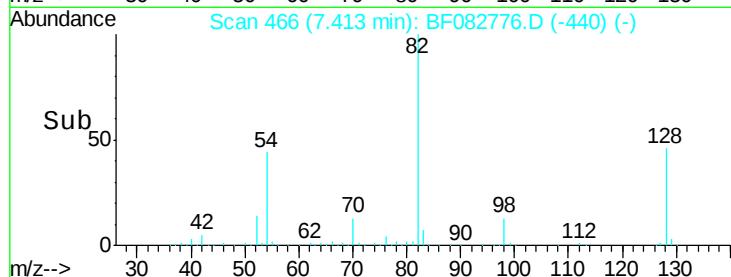
54 44.5 45.7 68.5#



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: BF082776.D

Acq: 6 Nov 2015 22:24

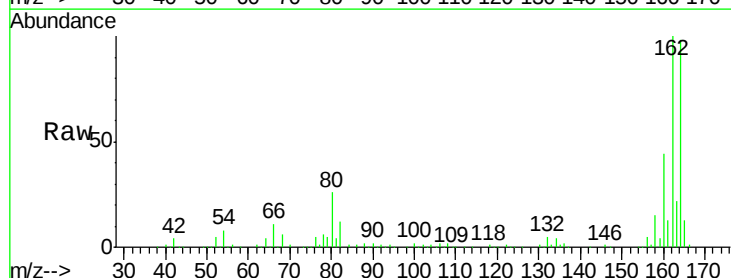
Tgt Ion: 164 Resp: 476641

Ion Ratio Lower Upper

164 100

162 101.6 84.9 127.3

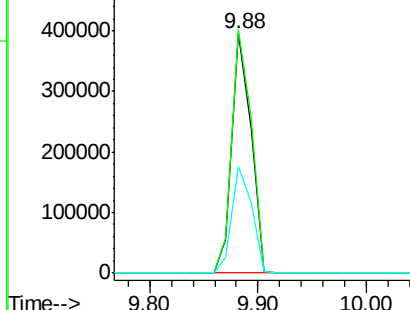
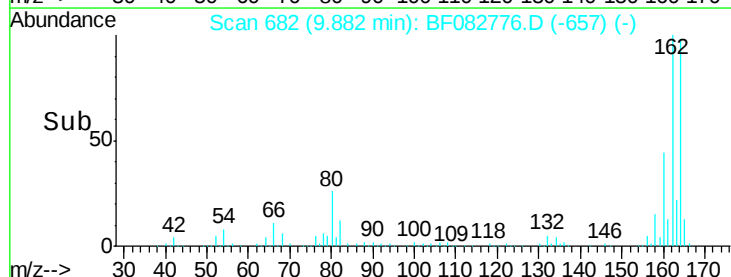
160 44.4 37.5 56.3

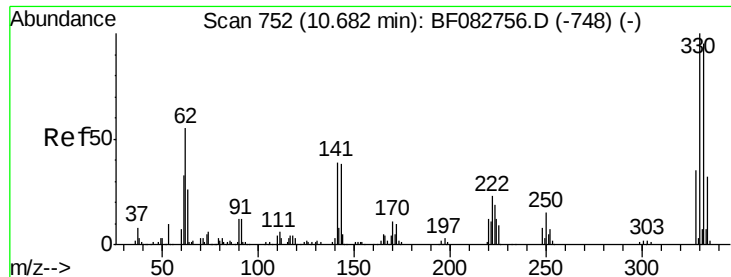


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

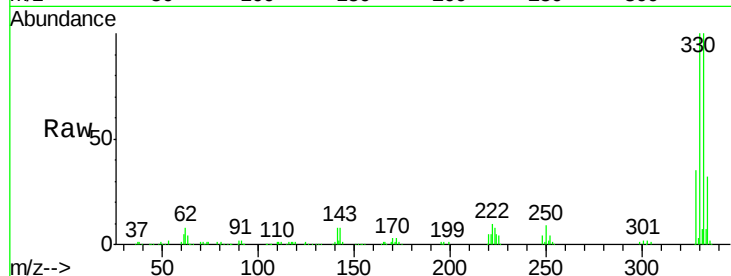




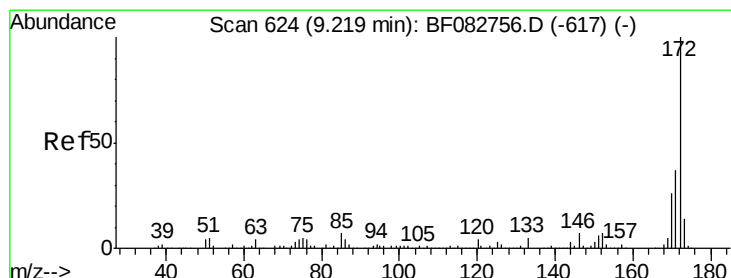
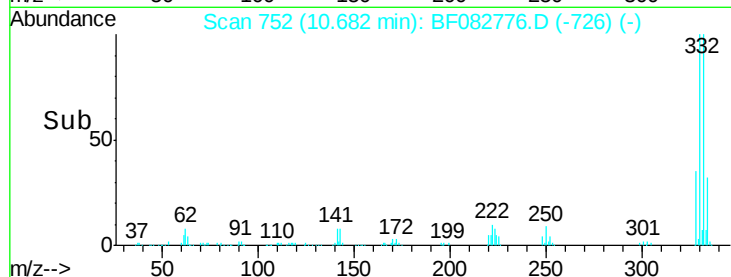
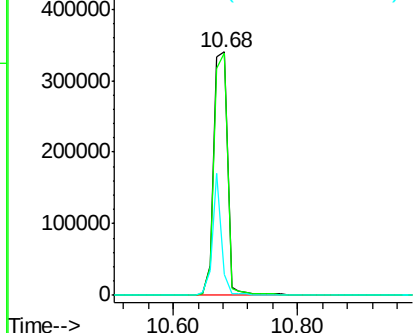
#41
 2,4,6-Tribromophenol
 Concen: 94.45 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082776.D
 Acq: 6 Nov 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB86426BL

Tot Ion:330 Resp: 516172
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 32.9 41.2 61.8#

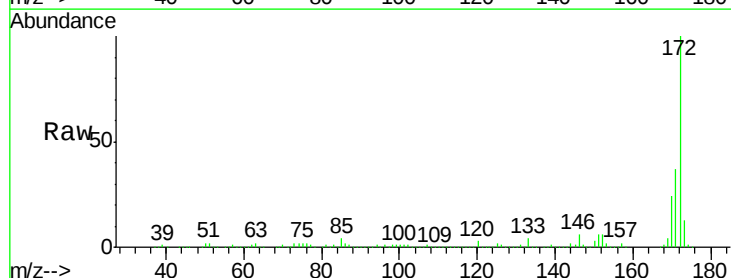


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

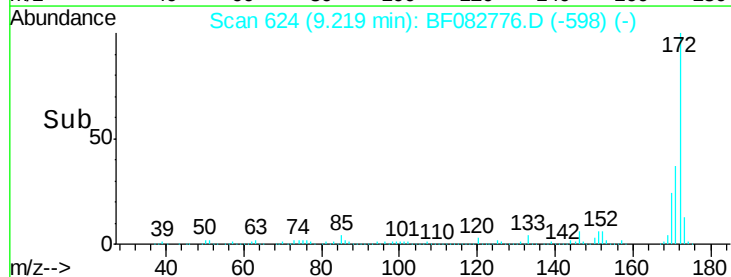
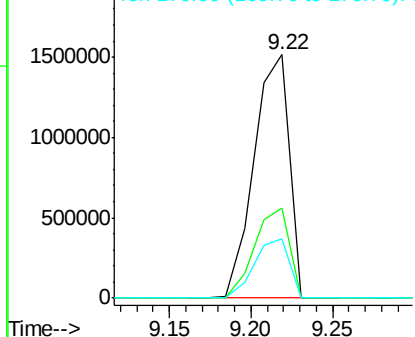


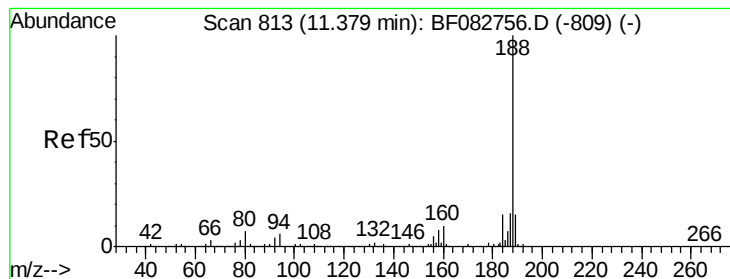
#44
 2-Fluorobiphenyl
 Concen: 68.29 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082776.D
 Acq: 6 Nov 2015 22:24

Tgt Ion:172 Resp: 2270983
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.8 46.2
 170 24.5 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: BF082776.D

Acq: 6 Nov 2015 22:24

Instrument :

BNA_F

ClientSampleId :

PB86426BL

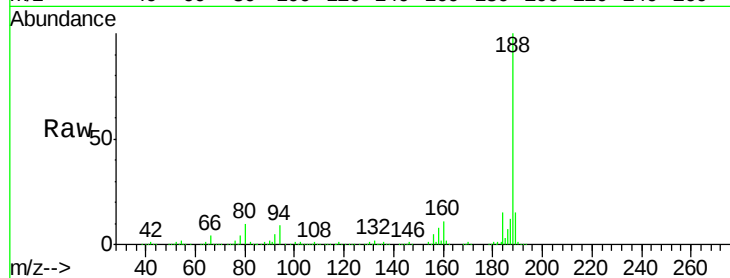
Tot Ion:188 Resp: 826002

Ion Ratio Lower Upper

188 100

94 9.0 6.1 9.1

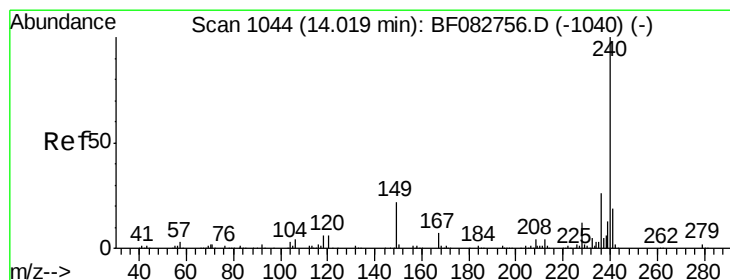
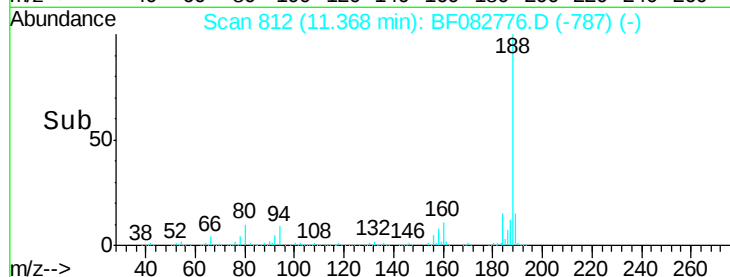
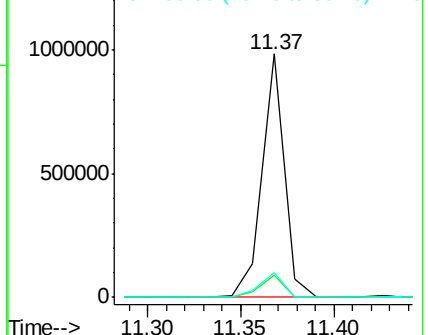
80 10.4 7.0 10.6



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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082776.D

Acq: 6 Nov 2015 22:24

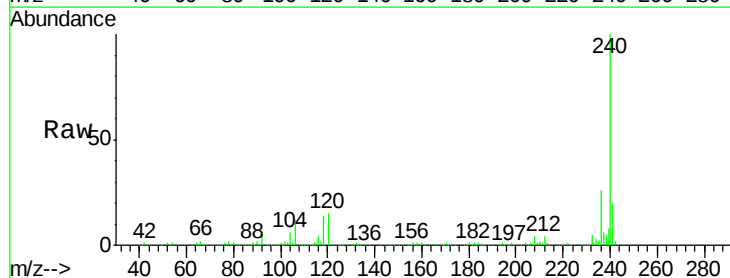
Tgt Ion:240 Resp: 921629

Ion Ratio Lower Upper

240 100

120 15.2 10.9 16.3

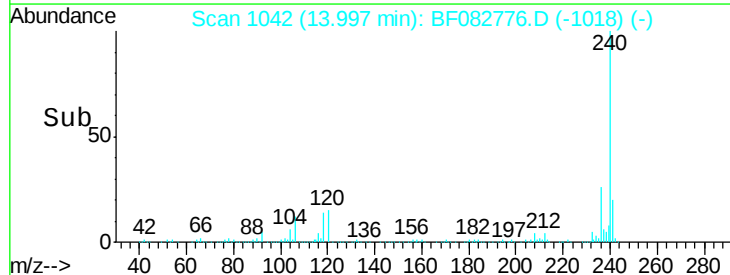
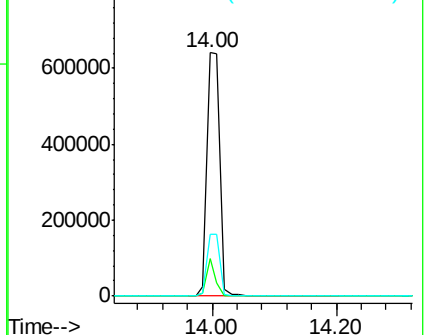
236 25.7 21.6 32.4

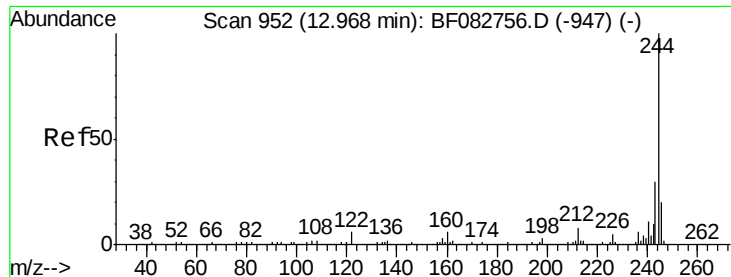


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

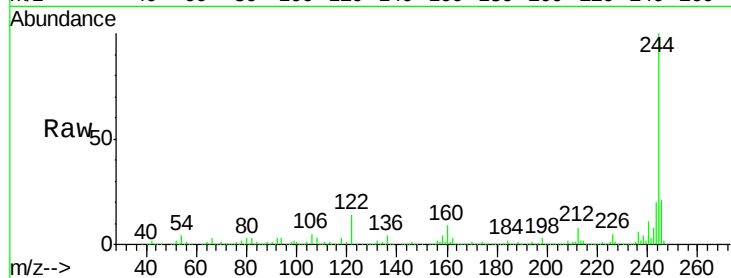




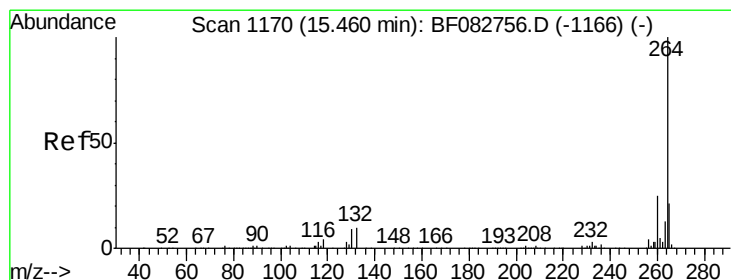
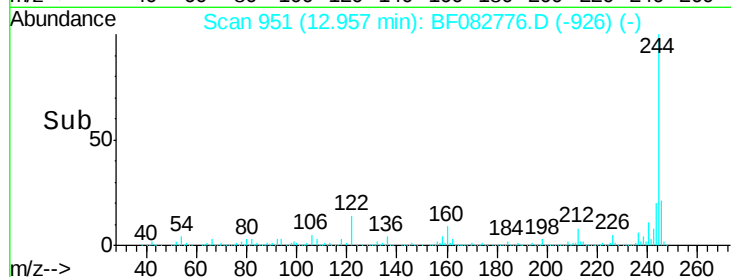
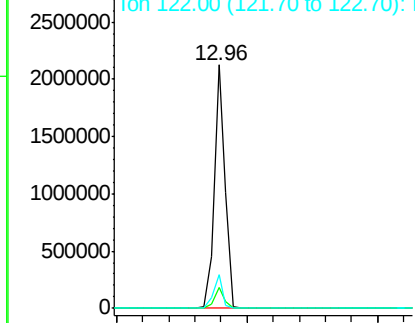
#78
 Terphenyl-d14
 Concen: 63.97 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082776.D
 Acq: 6 Nov 2015 22:24

Instrument :
 BNA_F
 ClientSampled :
 PB86426BL

Tot Ion:244 Resp: 2485884
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 13.9 11.3 16.9

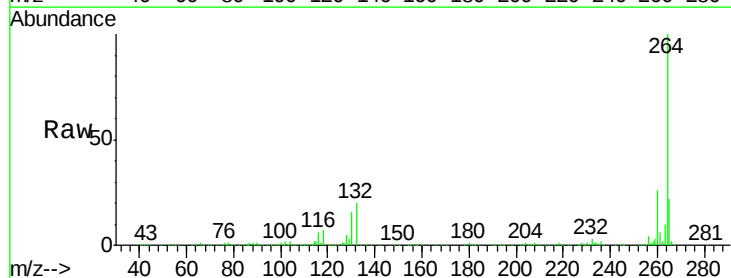


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF082776.D
 Acq: 6 Nov 2015 22:24

Tgt Ion:264 Resp: 764363
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.8 29.6
 265 22.1 17.4 26.0



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

