

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
 Data File : BF082636.D
 Acq On : 2 Nov 2015 17:39
 Operator : UM/IZ
 Sample : PB86380BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BL

Quant Time: Nov 03 02:28:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

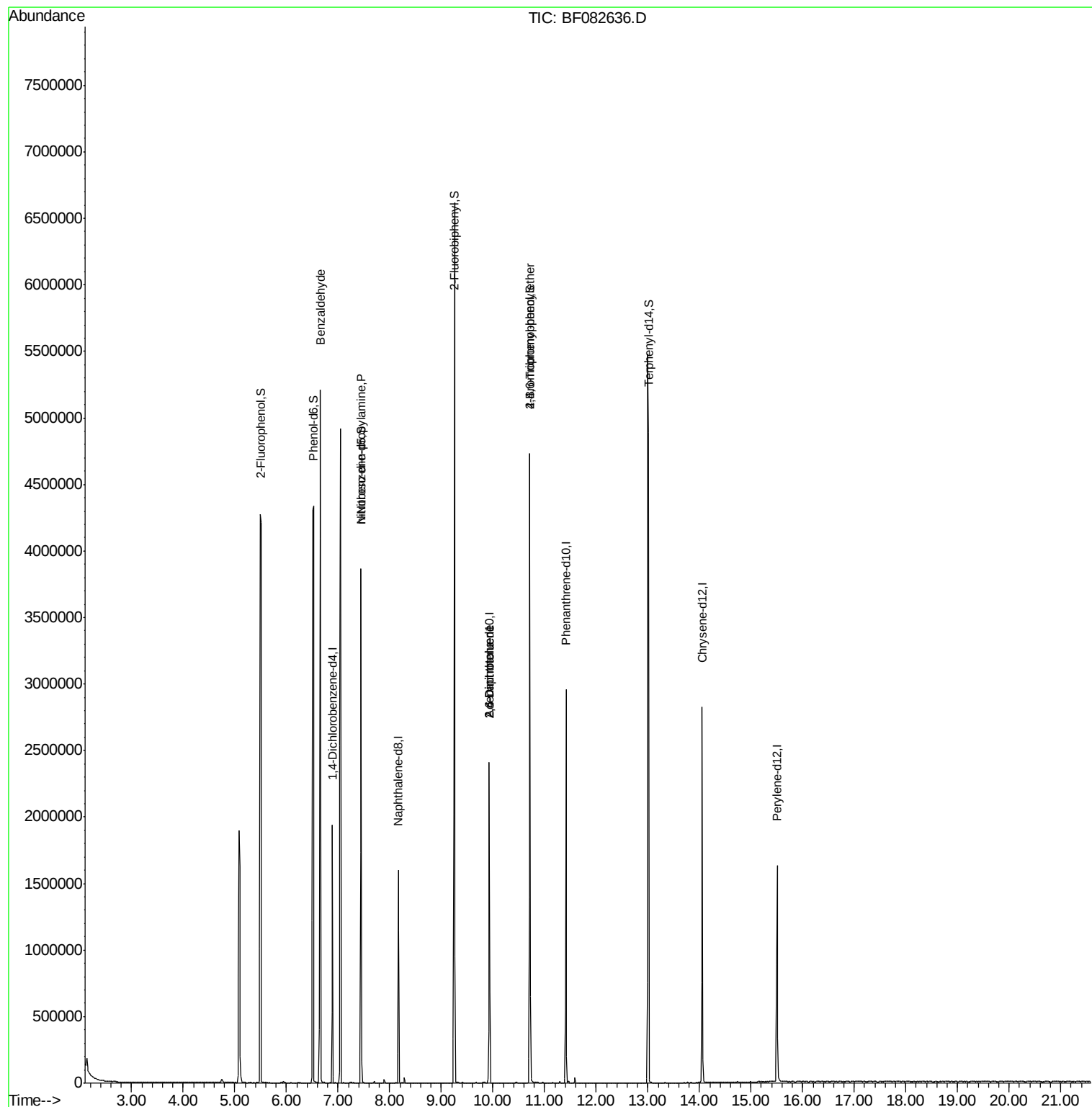
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	271375	20.00	ng	-0.02
21) Naphthalene-d8	8.17	136	941918	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	499727	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	976574	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	965828	20.00	ng	-0.02
86) Perylene-d12	15.51	264	818170	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1710247	94.92	ng	0.00
7) Phenol-d6	6.52	99	2288304	95.60	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1406304	60.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	518684	94.84	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	2128755	60.48	ng	-0.02
78) Terphenyl-d14	13.01	244	2512862	56.94	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.66	77	50480	3.09	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.45	70	197230	10.87	ng	# 73
50) 2,6-Dinitrotoluene	9.93	165	65188	7.71	ng	# 17
56) 2,4-Dinitrotoluene	9.93	165	65193	5.70	ng	# 16
66) 4-Bromophenyl-phenylether	10.72	248	35259	3.19	ng	# 1

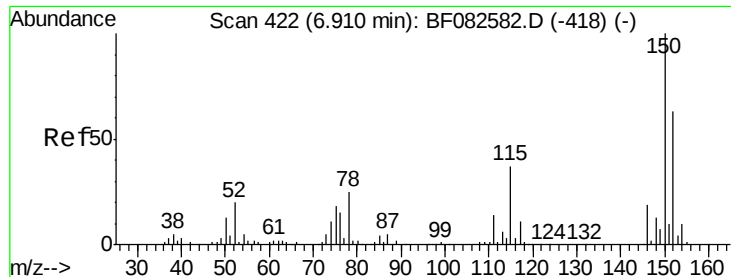
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF082636.D

Acq: 2 Nov 2015 17:39

Instrument :

BNA_F

ClientSampleId :

PB86380BL

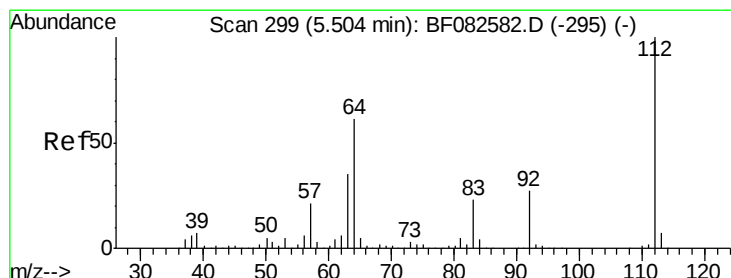
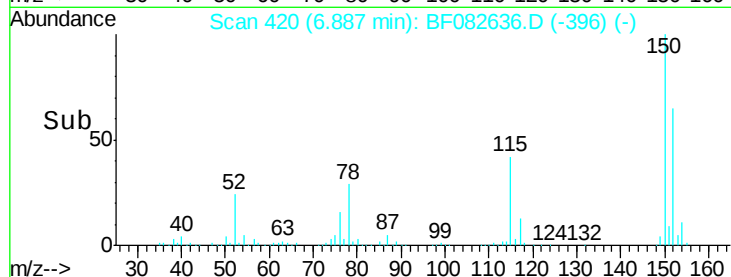
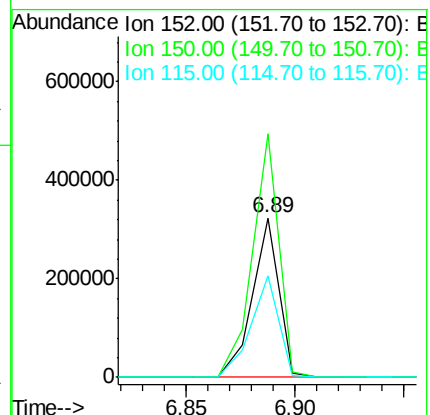
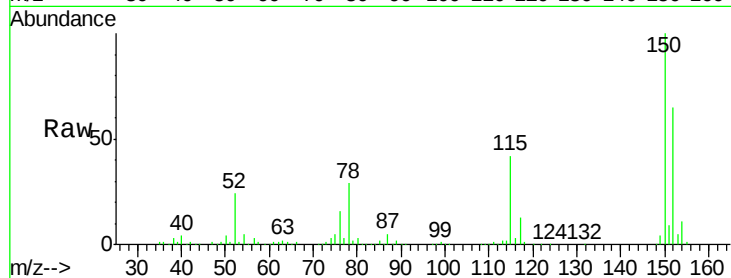
Tgt Ion:152 Resp: 271375

Ion Ratio Lower Upper

152 100

150 152.9 127.0 190.4

115 63.6 47.0 70.6



#5

2-Fluorophenol

Concen: 94.92 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF082636.D

Acq: 2 Nov 2015 17:39

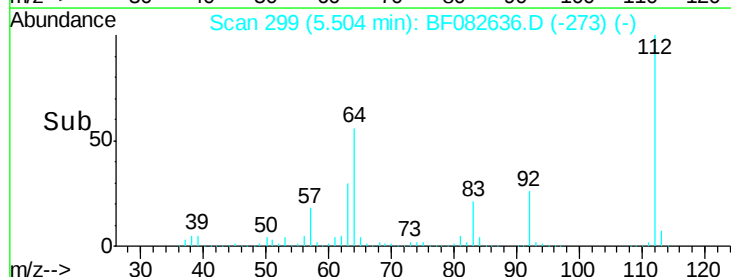
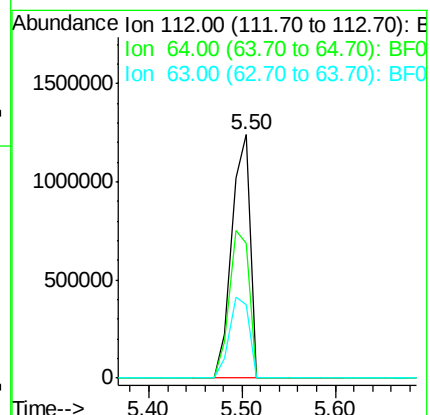
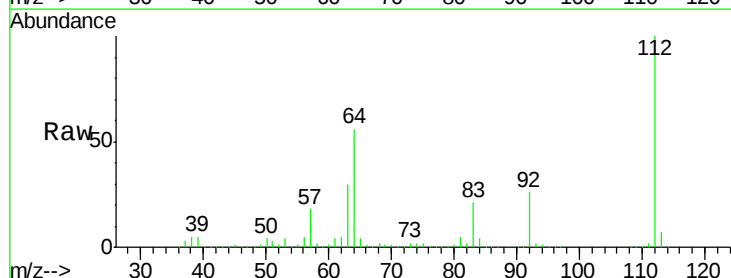
Tgt Ion:112 Resp: 1710247

Ion Ratio Lower Upper

112 100

64 55.6 48.9 73.3

63 29.9 28.1 42.1





#7

Phenol-d6

Concen: 95.60 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082636.D

Acq: 2 Nov 2015 17:39

Instrument :

BNA_F

ClientSampleId :

PB86380BL

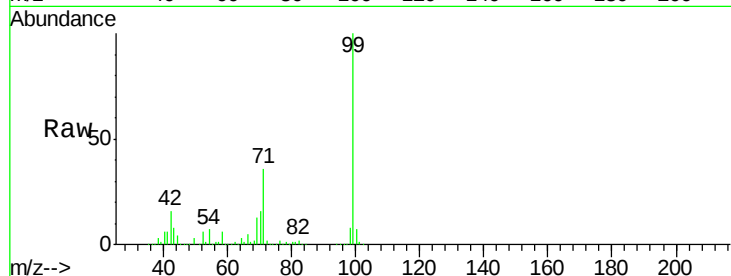
Tgt Ion: 99 Resp: 2288304

Ion Ratio Lower Upper

99 100

42 16.3 19.2 28.8#

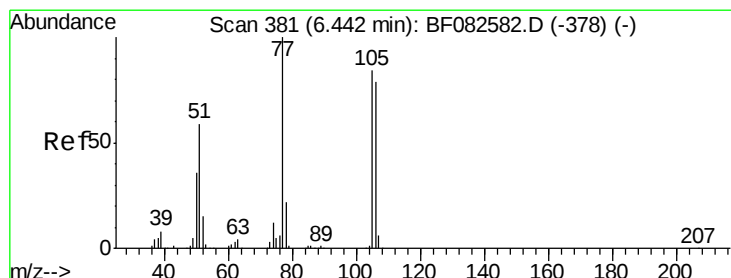
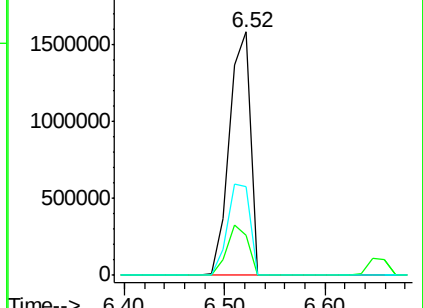
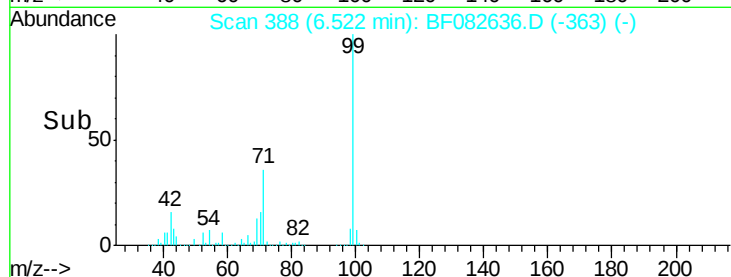
71 36.4 35.0 52.4



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



#9

Benzaldehyde

Concen: 3.09 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.22 min

Lab File: BF082636.D

Acq: 2 Nov 2015 17:39

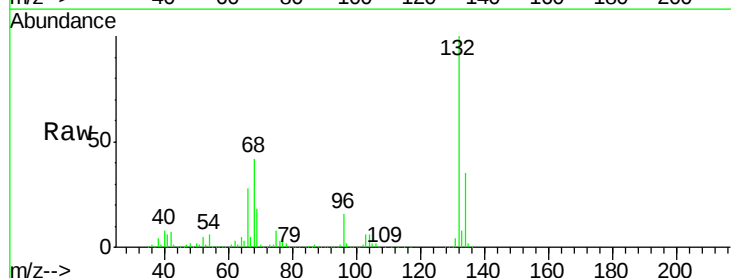
Tgt Ion: 77 Resp: 50480

Ion Ratio Lower Upper

77 100

105 79.2 63.5 103.5

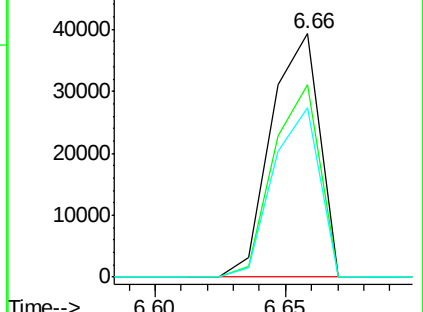
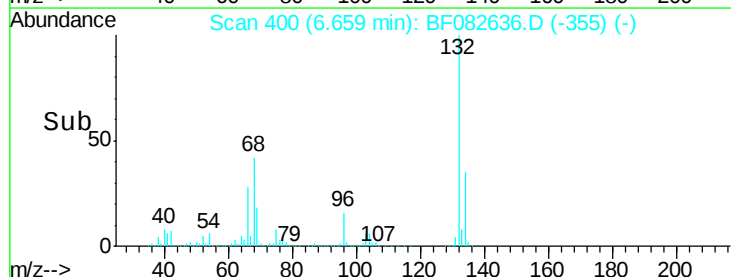
106 69.7 59.3 99.3

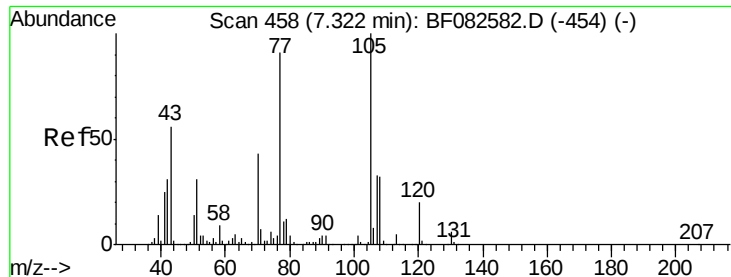


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

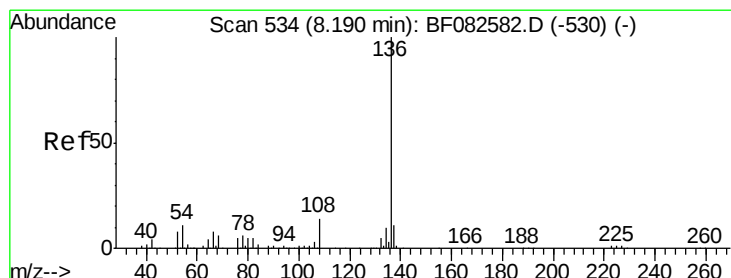
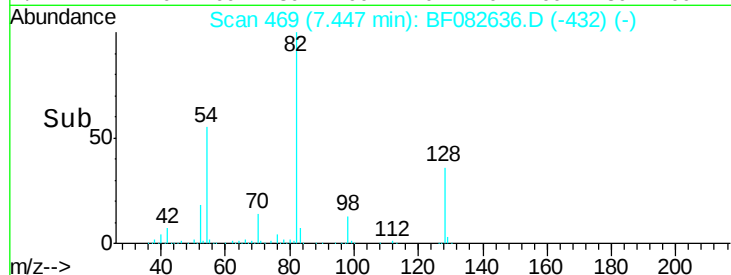
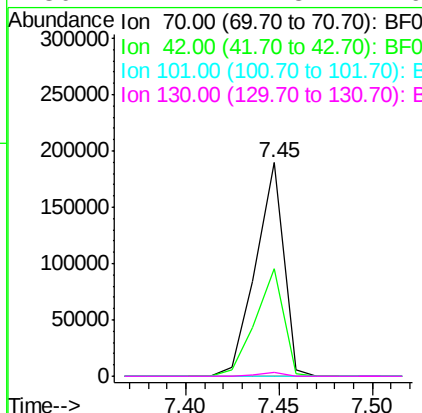
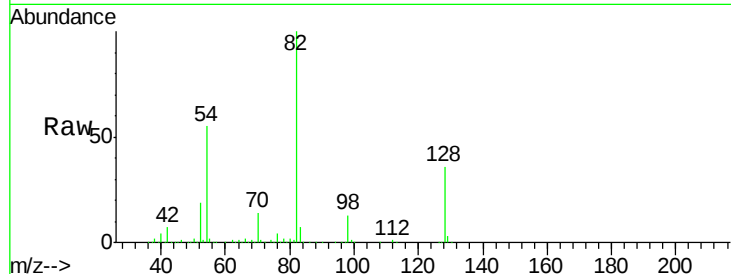




#19
n-Nitroso-di-n-propylamine
Concen: 10.87 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF082636.D
Acq: 2 Nov 2015 17:39

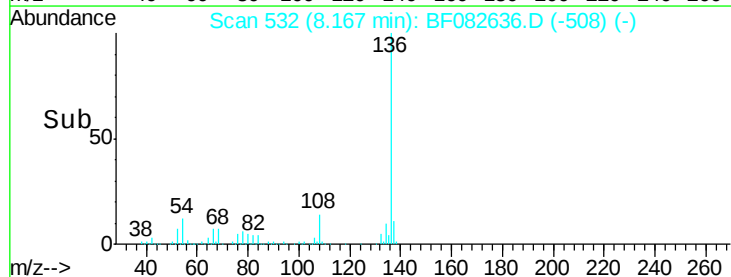
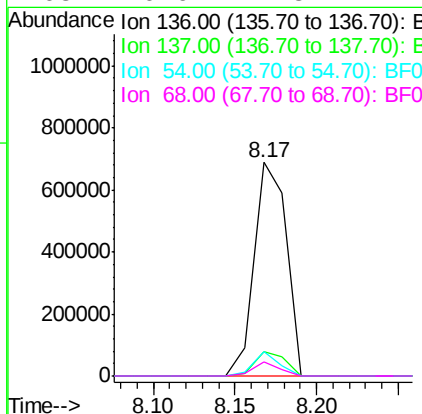
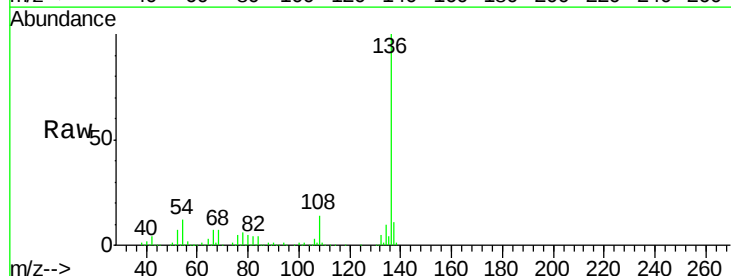
Instrument :
BNA_F
ClientSampleId :
PB86380BL

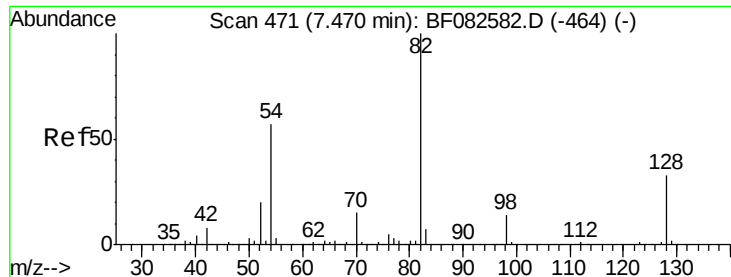
Tgt Ion: 70 Resp: 197230
Ion Ratio Lower Upper
70 100
42 50.1 57.7 86.5#
101 0.0 7.0 10.6#
130 1.7 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF082636.D
Acq: 2 Nov 2015 17:39

Tgt Ion: 136 Resp: 941918
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 11.7 9.1 13.7
68 6.6 4.8 7.2

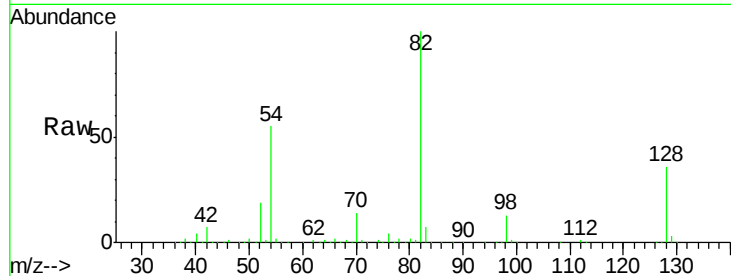




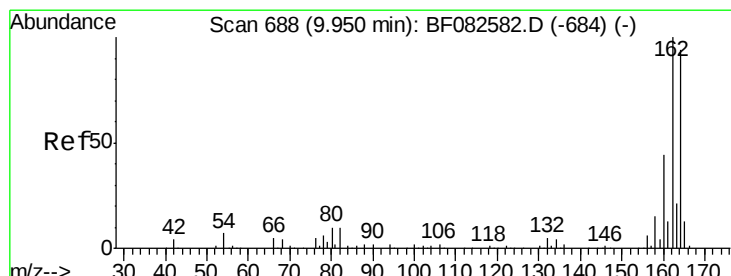
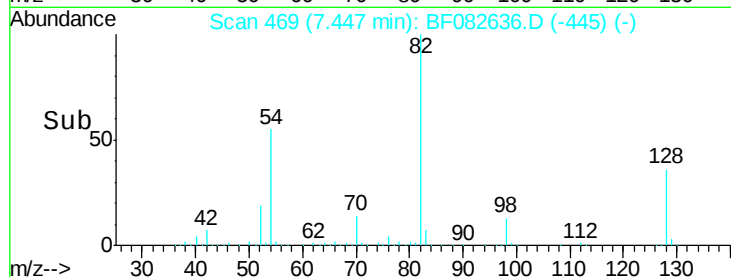
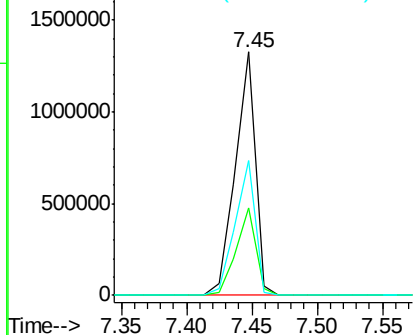
#23
 Nitrobenzene-d5
 Concen: 60.97 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF082636.D
 Acq: 2 Nov 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BL

Tgt Ion: 82 Resp: 1406304
 Ion Ratio Lower Upper
 82 100
 128 35.7 26.8 40.2
 54 55.1 45.7 68.5

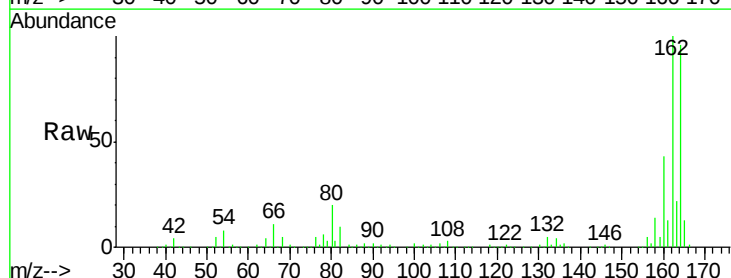


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

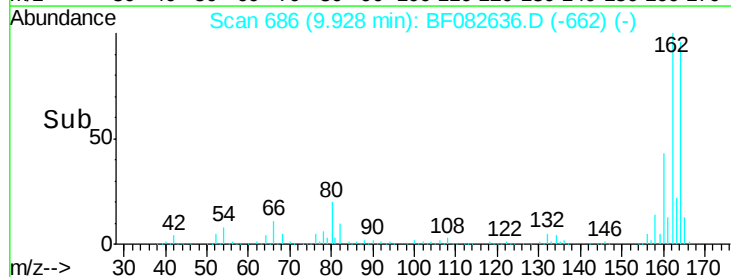
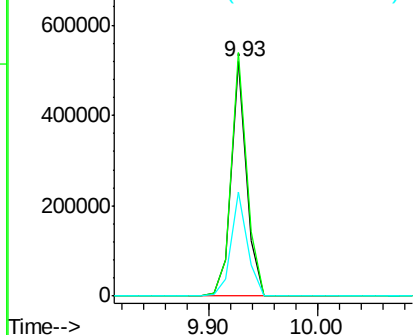


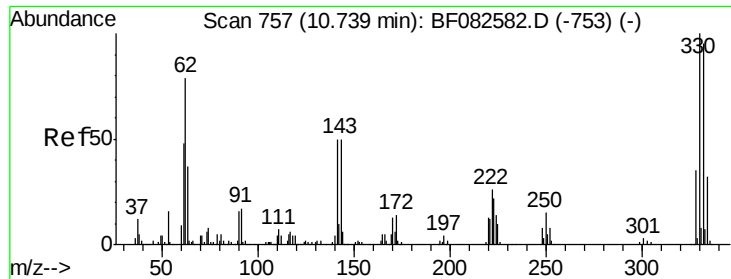
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF082636.D
 Acq: 2 Nov 2015 17:39

Tgt Ion: 164 Resp: 499727
 Ion Ratio Lower Upper
 164 100
 162 104.0 84.9 127.3
 160 44.6 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

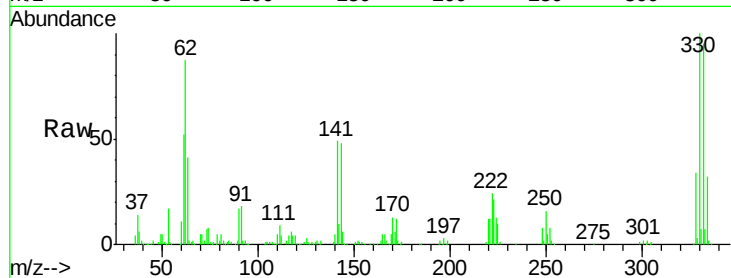




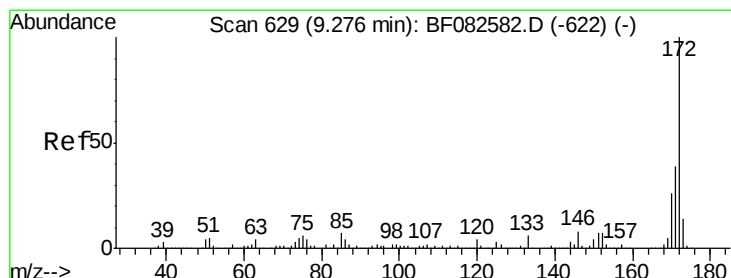
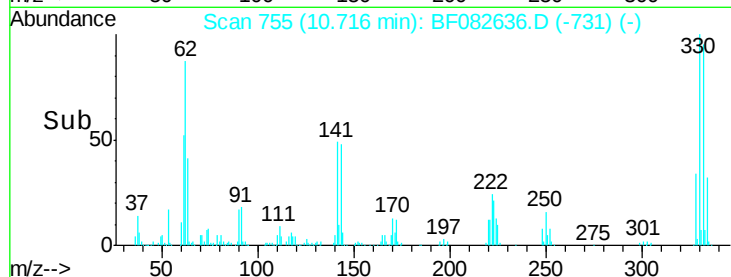
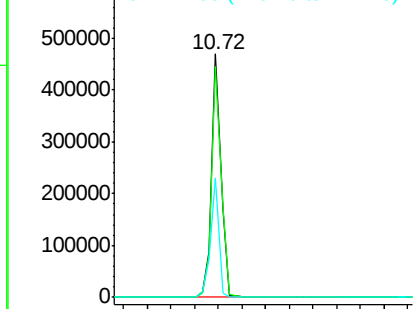
#41
 2,4,6-Tribromophenol
 Concen: 94.84 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF082636.D
 Acq: 2 Nov 2015 17:39

Instrument :
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 ClientSampleId :
 PB86380BL

Tgt Ion:330 Resp: 518684
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 43.2 41.2 61.8

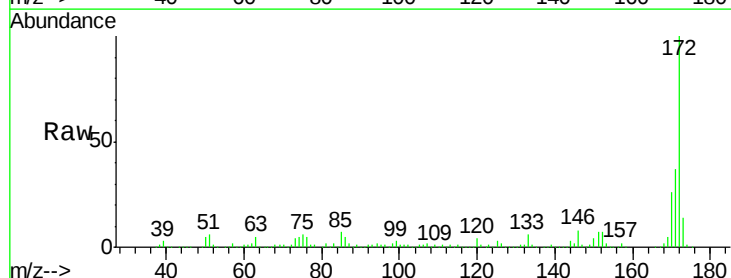


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

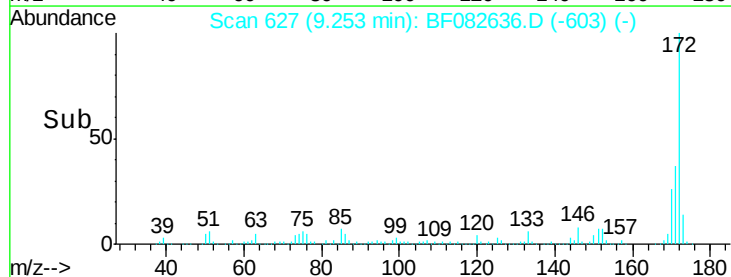
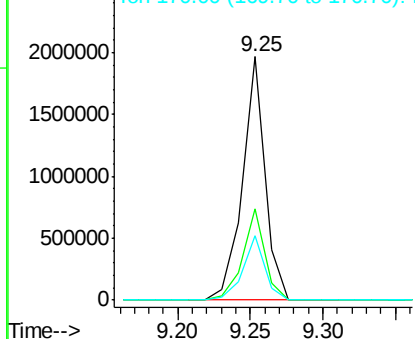


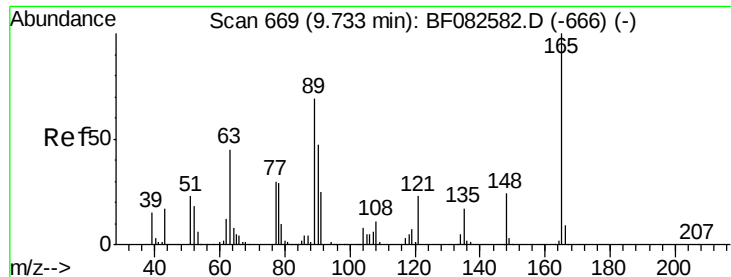
#44
 2-Fluorobiphenyl
 Concen: 60.48 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF082636.D
 Acq: 2 Nov 2015 17:39

Tgt Ion:172 Resp: 2128755
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 26.2 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

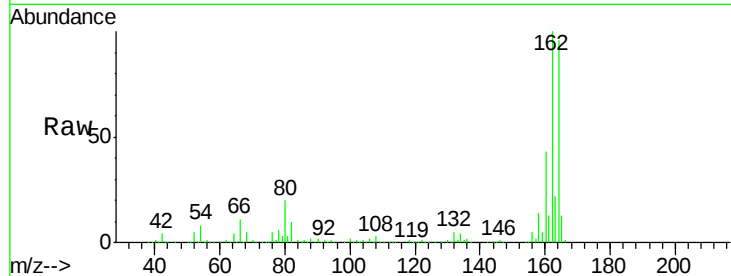




#50
 2,6-Dinitrotoluene
 Concen: 7.71 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.19 min
 Lab File: BF082636.D
 Acq: 2 Nov 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BL

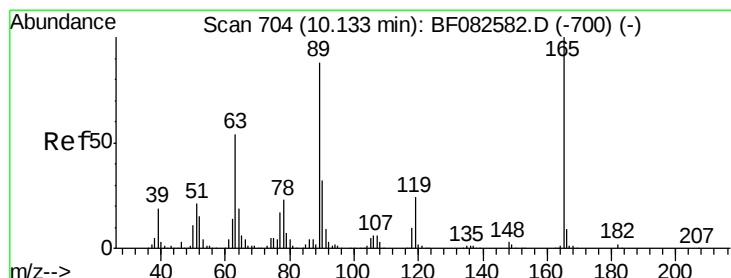
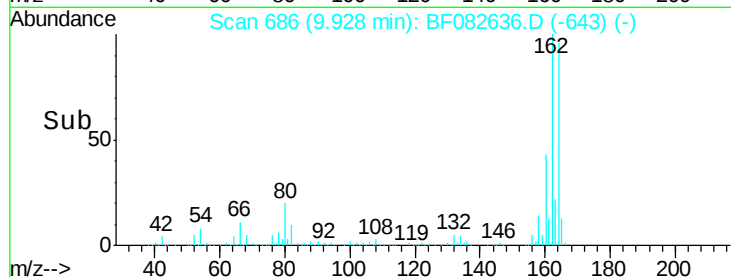
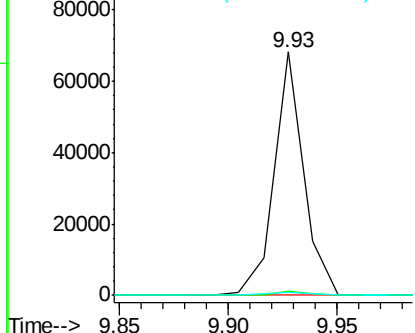
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	55.5	83.3#
89	1.4	55.0	82.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.70 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.21 min
 Lab File: BF082636.D
 Acq: 2 Nov 2015 17:39

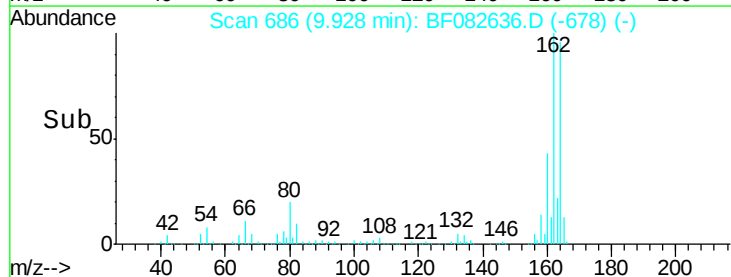
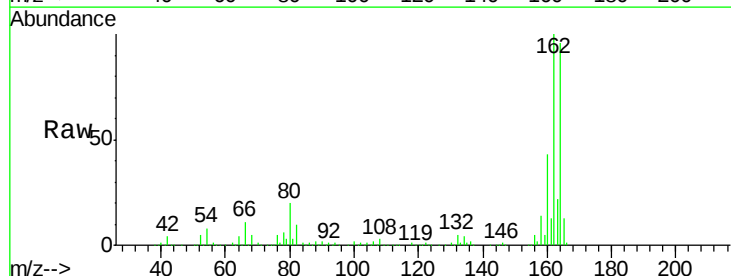
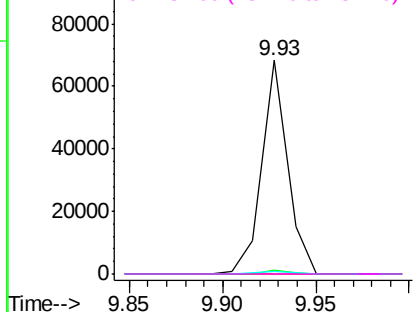
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.4	65.0#
89	1.4	70.6	106.0#
182	0.0	1.5	2.3#

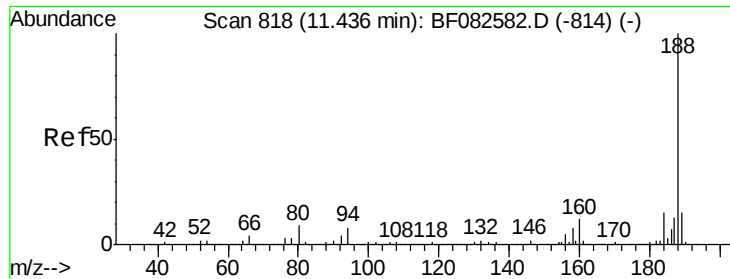
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

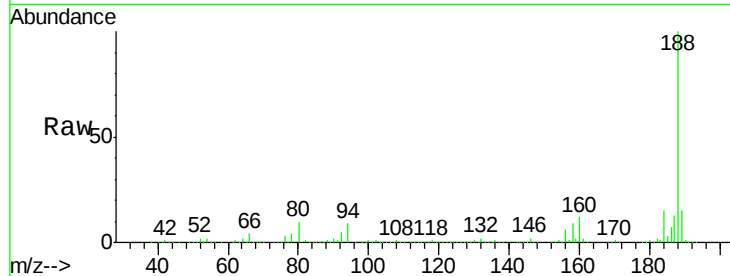




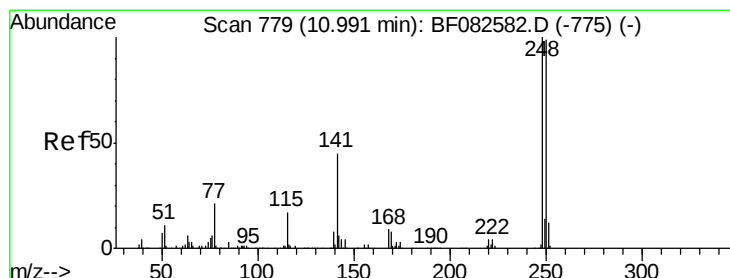
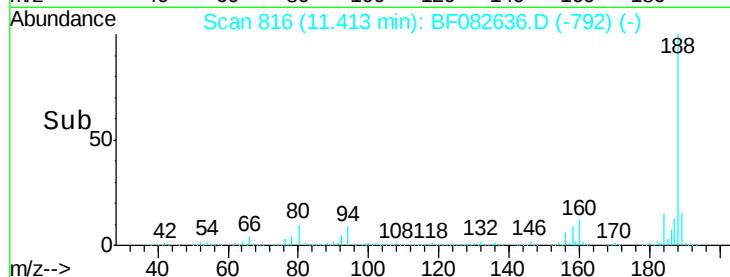
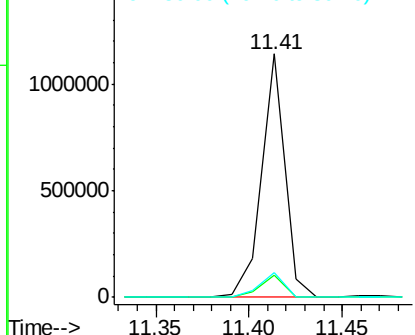
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF082636.D
 Acq: 2 Nov 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BL

Tgt Ion:188 Resp: 976574
 Ion Ratio Lower Upper
 188 100
 94 9.0 6.1 9.1
 80 10.3 7.0 10.6

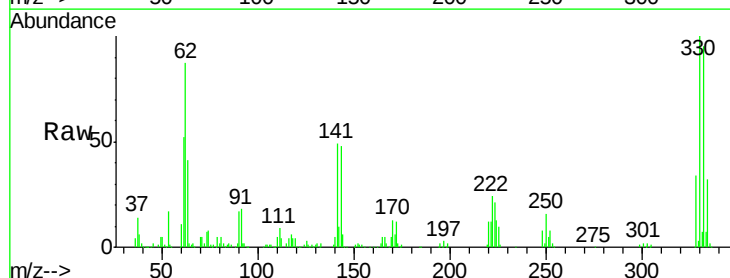


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

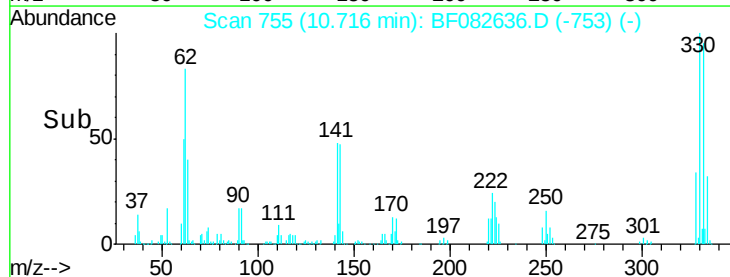
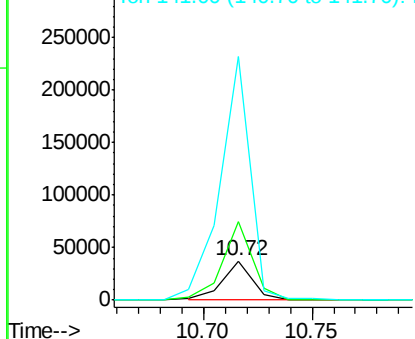


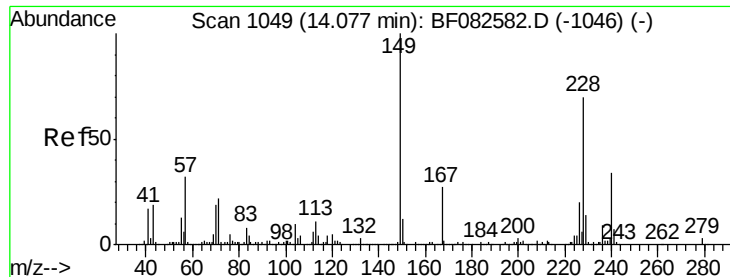
#66
 4-Bromophenyl-phenylether
 Concen: 3.19 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF082636.D
 Acq: 2 Nov 2015 17:39

Tgt Ion:248 Resp: 35259
 Ion Ratio Lower Upper
 248 100
 250 199.3 79.4 119.2#
 141 618.2 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF082636.D

Acq: 2 Nov 2015 17:39

Instrument :

BNA_F

ClientSampleId :

PB86380BL

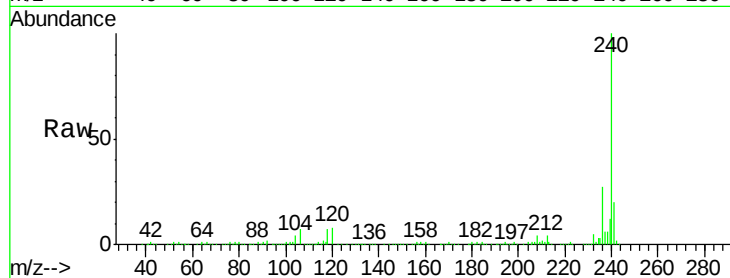
Tgt Ion:240 Resp: 965828

Ion Ratio Lower Upper

240 100

120 8.0 10.9 16.3#

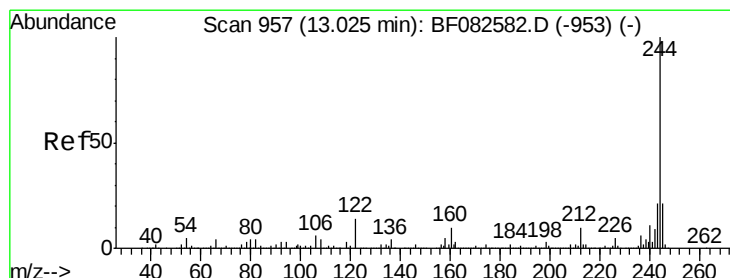
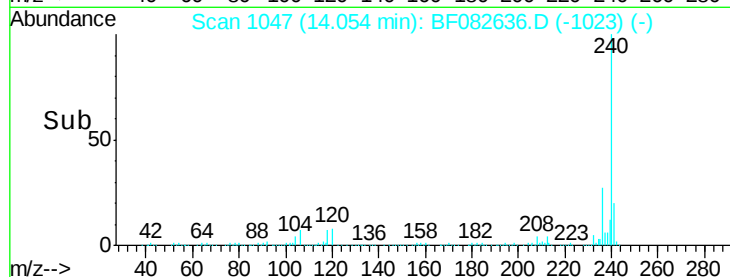
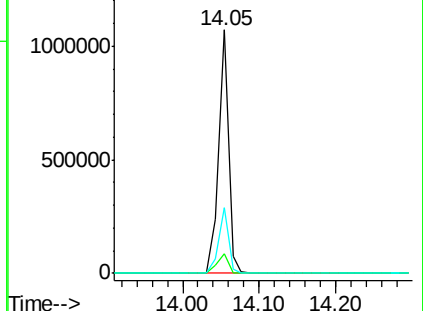
236 26.8 21.6 32.4



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: 56.94 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF082636.D

Acq: 2 Nov 2015 17:39

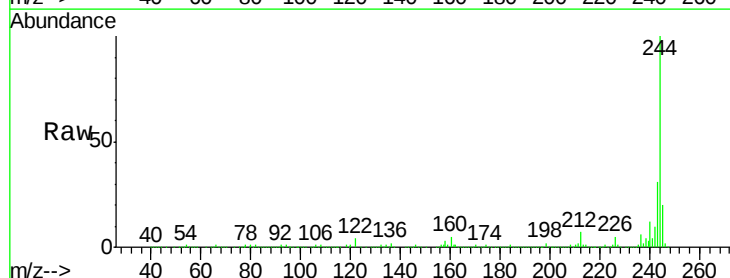
Tgt Ion:244 Resp: 2512862

Ion Ratio Lower Upper

244 100

212 7.2 7.6 11.4#

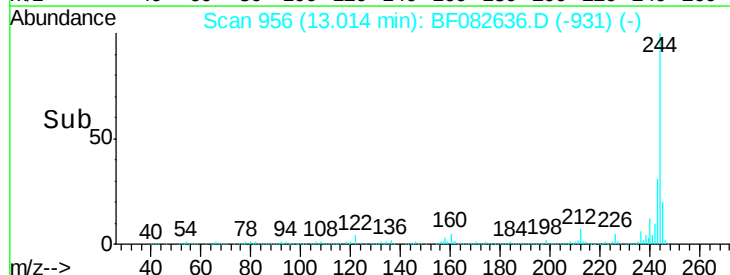
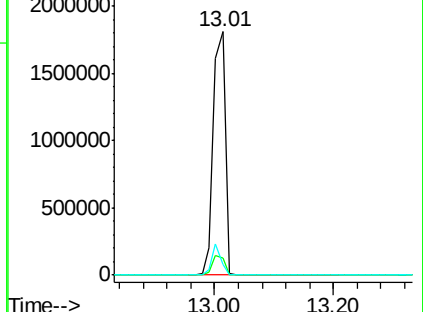
122 4.4 11.3 16.9#

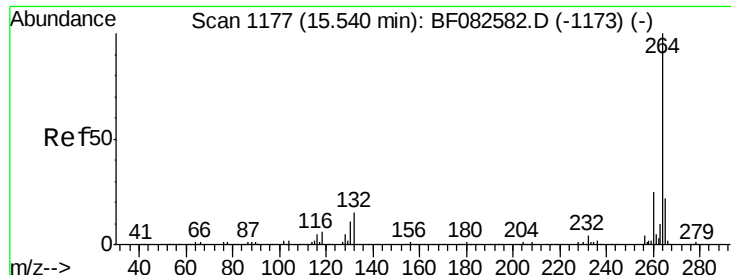


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

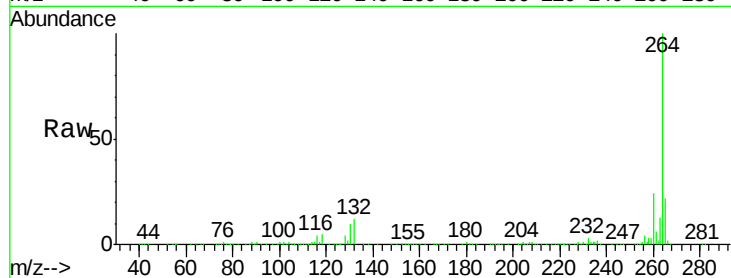




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BF082636.D
Acq: 2 Nov 2015 17:39

Instrument :
BNA_F
ClientSampleId :
PB86380BL

Tgt Ion: 264 Resp: 818170
Ion Ratio Lower Upper
264 100
260 24.3 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

