

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082789.D
 Acq On : 7 Nov 2015 4:43
 Operator : UM/IZ
 Sample : G4257-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-3(0-2)

Quant Time: Nov 07 05:50:49 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

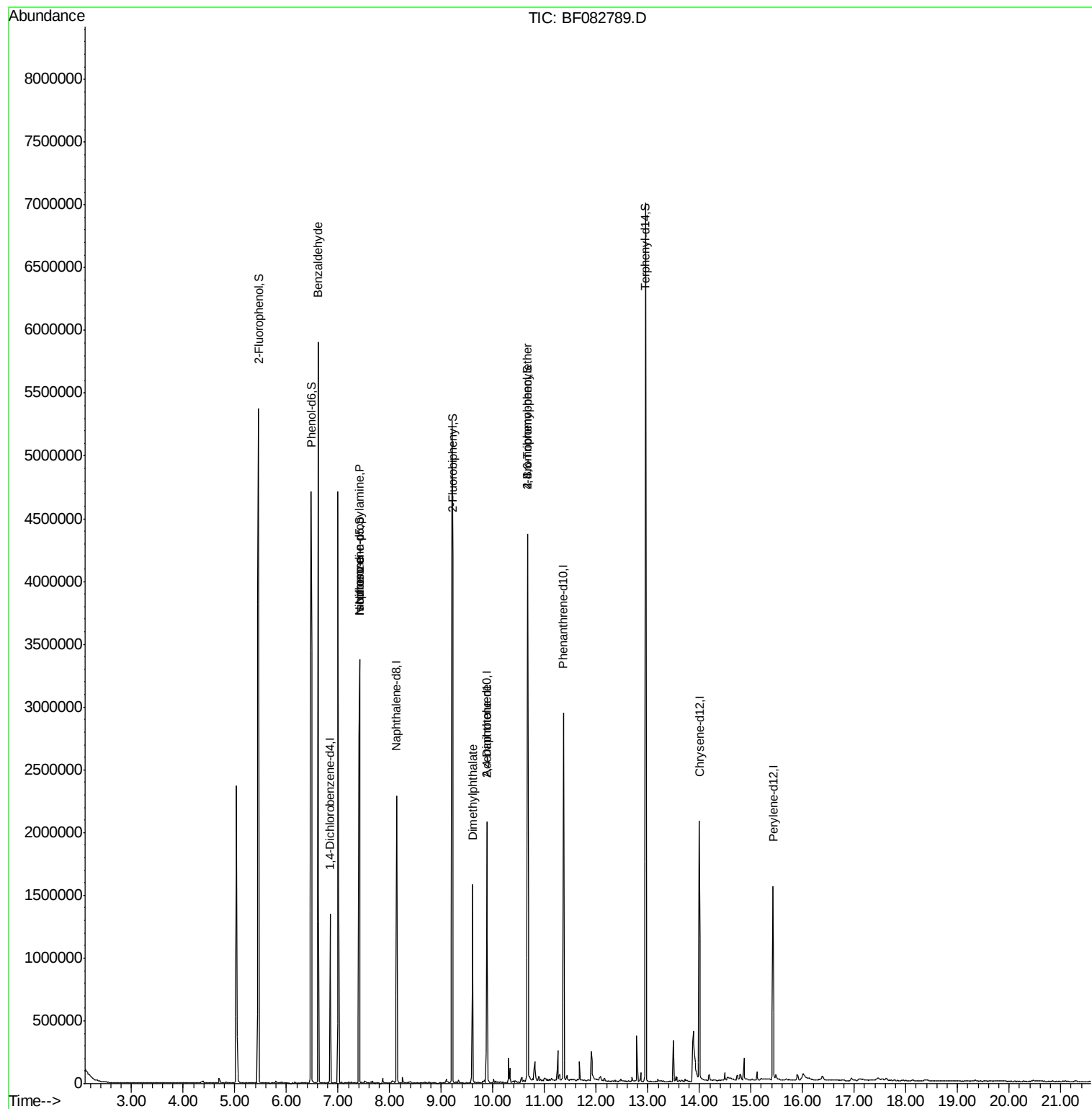
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	250986	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1011094	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	498256	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	1010726	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	840312	20.00	ng	-0.02
86) Perylene-d12	15.43	264	703068	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1848830	114.61	ng	0.01
7) Phenol-d6	6.48	99	2426699	113.16	ng	0.00
23) Nitrobenzene-d5	7.41	82	1621695	69.79	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	572303	100.18	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2446568	70.38	ng	0.00
78) Terphenyl-d14	12.96	244	2194341	61.94	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	42064	3.55	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.41	70	217789	13.82	ng	# 62
25) Isophorone	7.41	82	1500118	34.89	ng	# 69
49) Dimethylphthalate	9.61	163	766632	18.78	ng	97
56) 2,4-Dinitrotoluene	9.88	165	63820	5.40	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	35816	2.94	ng	# 1

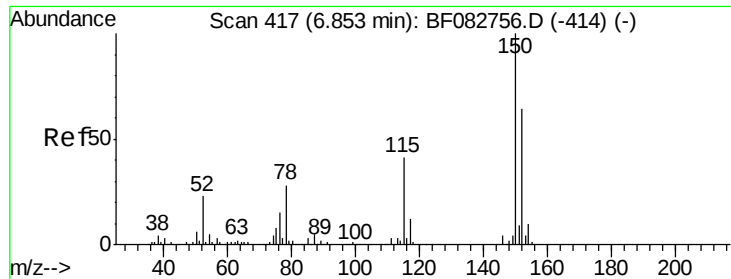
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082789.D

Acq: 7 Nov 2015 4:43

Instrument :

BNA_F

ClientSampleId :

WABUT-3(0-2)

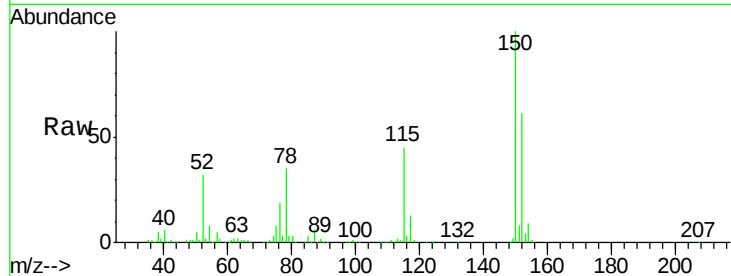
Tgt Ion:152 Resp: 250986

Ion Ratio Lower Upper

152 100

150 163.3 127.0 190.4

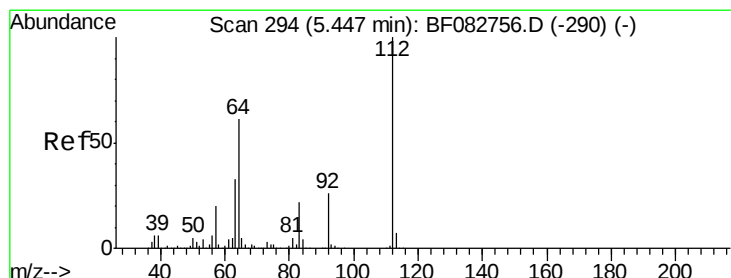
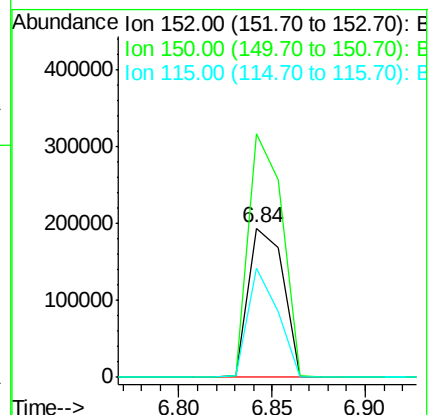
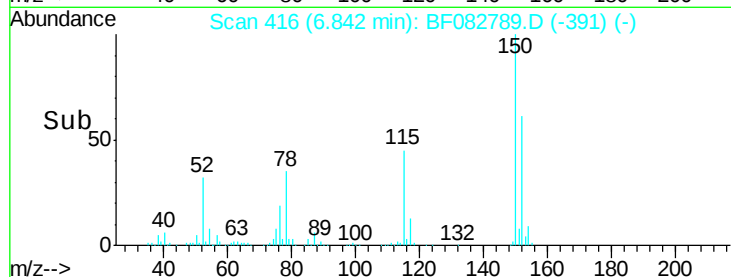
115 73.1 47.0 70.6#



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: 114.61 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082789.D

Acq: 7 Nov 2015 4:43

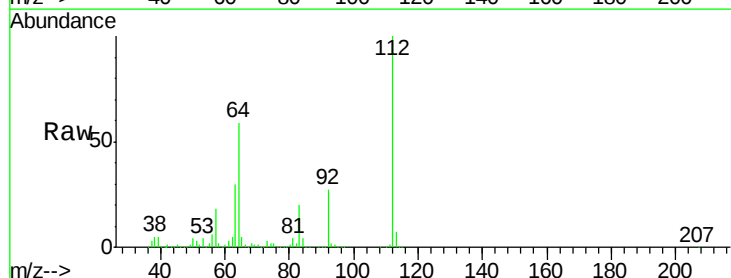
Tgt Ion:112 Resp: 1848830

Ion Ratio Lower Upper

112 100

64 59.2 48.9 73.3

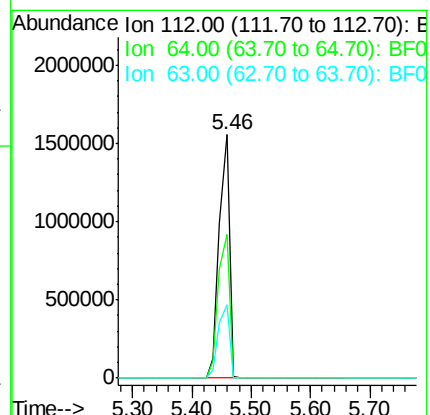
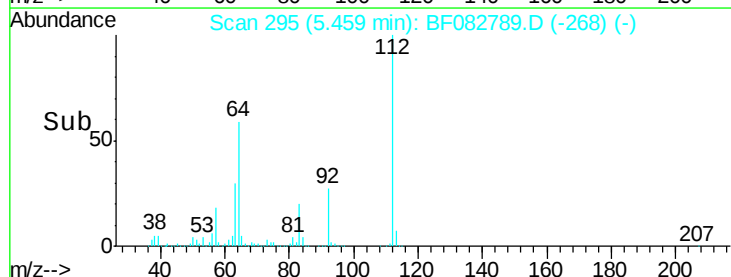
63 30.4 28.1 42.1

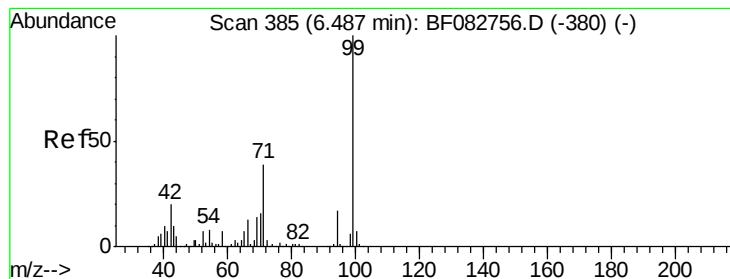


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.16 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082789.D

Acq: 7 Nov 2015 4:43

Instrument :

BNA_F

ClientSampleId :

WABUT-3(0-2)

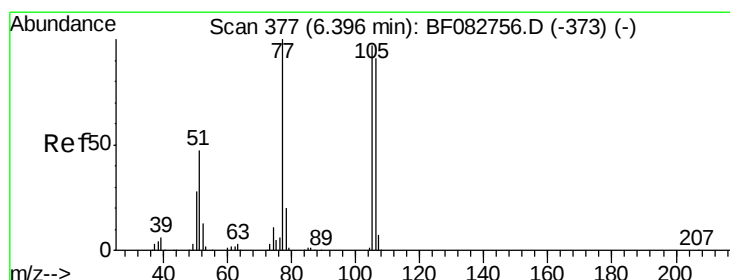
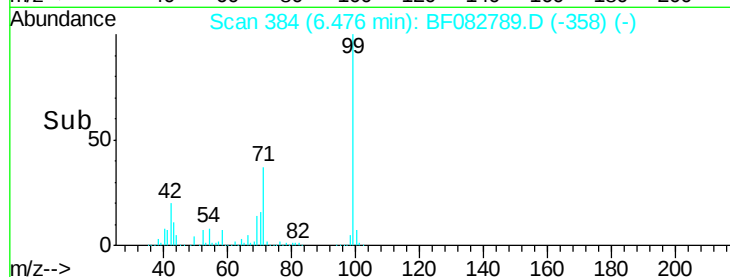
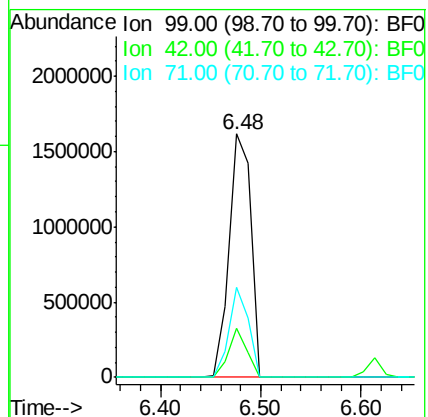
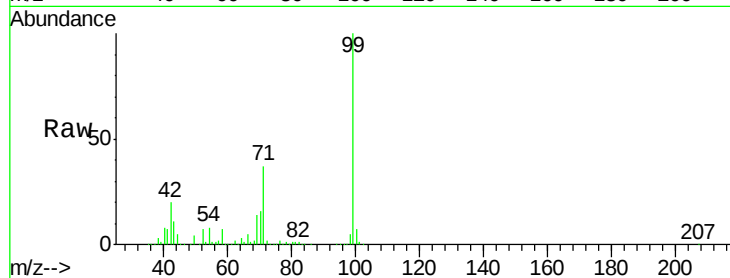
Tgt Ion: 99 Resp: 2426699

Ion Ratio Lower Upper

99 100

42 20.3 19.2 28.8

71 37.1 35.0 52.4



#9

Benzaldehyde

Concen: 3.55 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082789.D

Acq: 7 Nov 2015 4:43

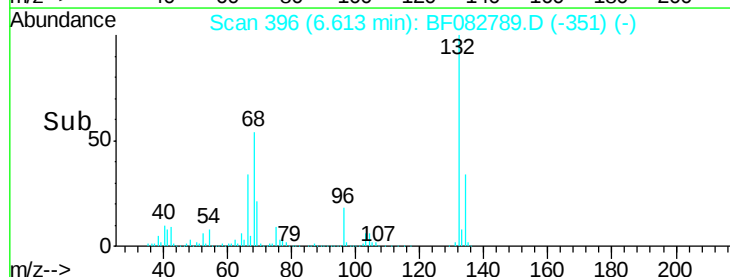
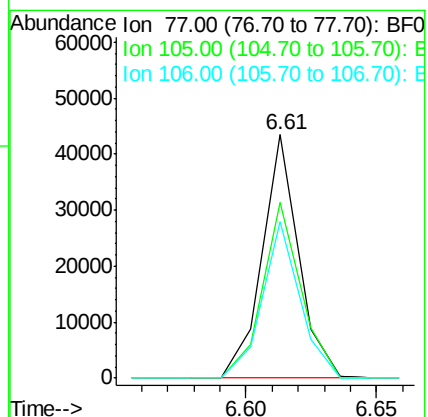
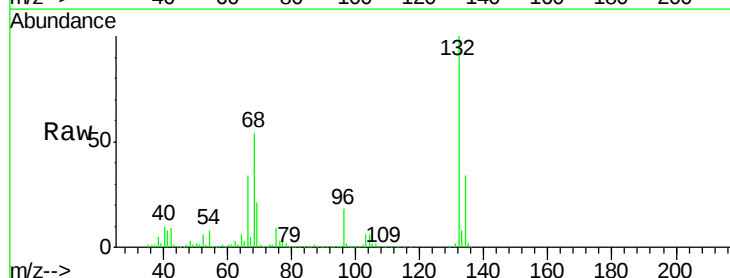
Tgt Ion: 77 Resp: 42064

Ion Ratio Lower Upper

77 100

105 72.1 63.5 103.5

106 64.2 59.3 99.3

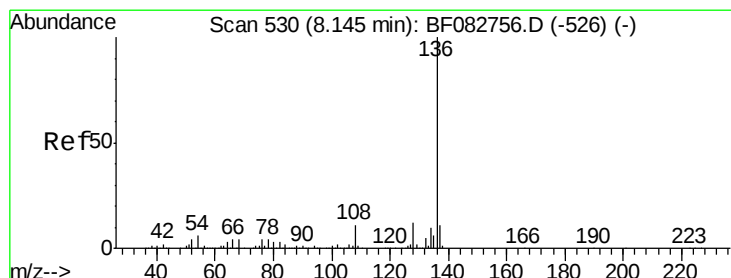
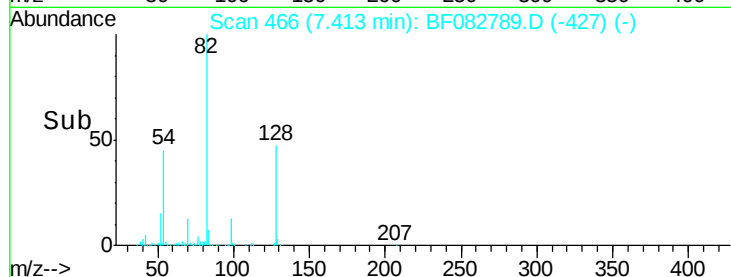
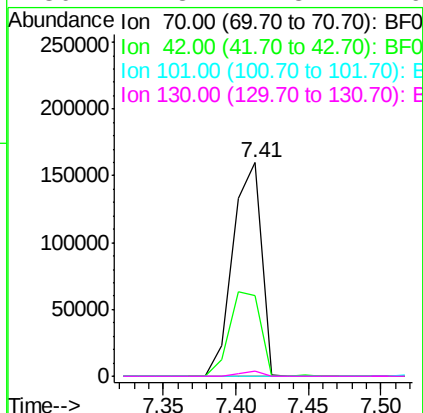
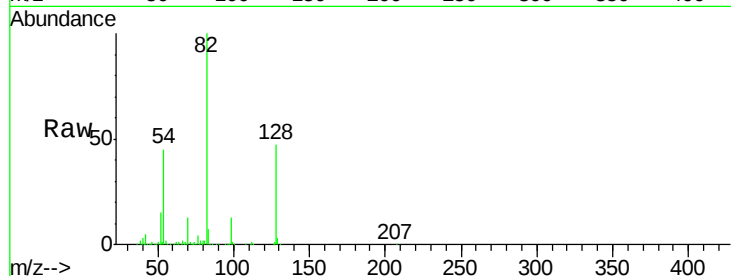




#19
n-Nitroso-di-n-propylamine
Concen: 13.82 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082789.D
Acq: 7 Nov 2015 4:43

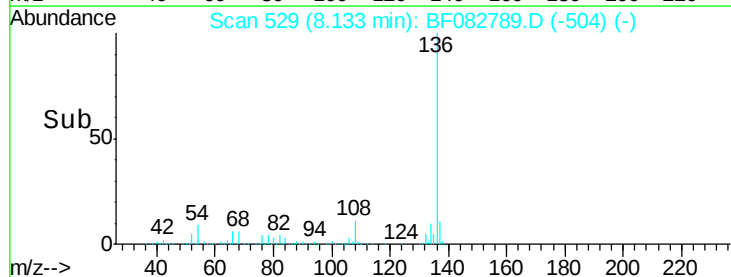
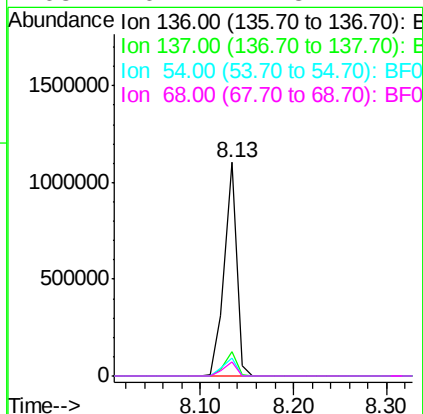
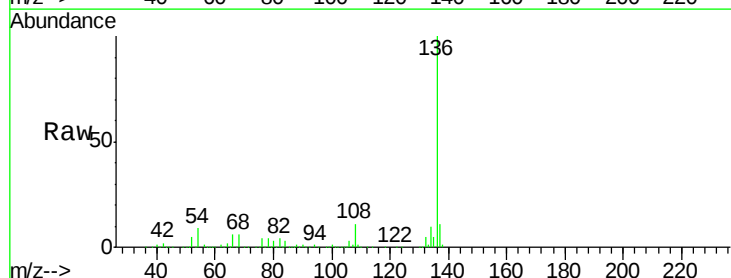
Instrument :
BNA_F
ClientSampleId :
WABUT-3(0-2)

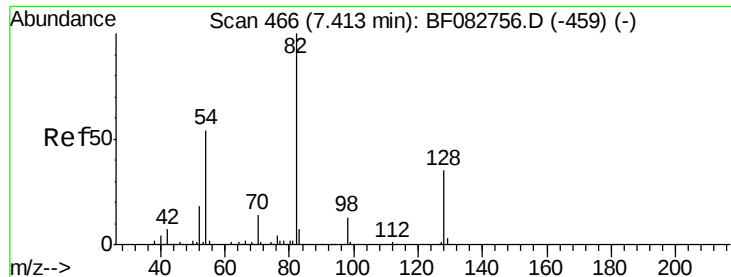
Tgt Ion:	70	Resp:	217789
Ion	Ratio	Lower	Upper
70	100		
42	38.1	57.7	86.5#
101	0.0	7.0	10.6#
130	2.3	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082789.D
Acq: 7 Nov 2015 4:43

Tgt Ion:	136	Resp:	1011094
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.5	9.1	13.7#
68	6.4	4.8	7.2

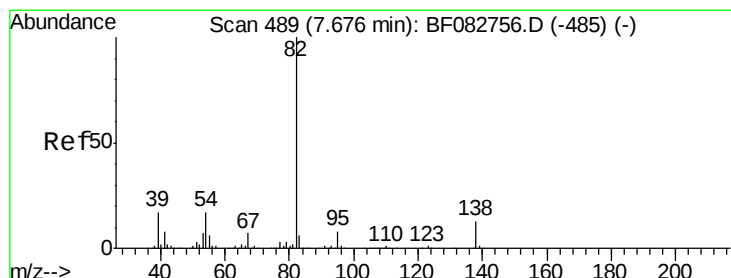
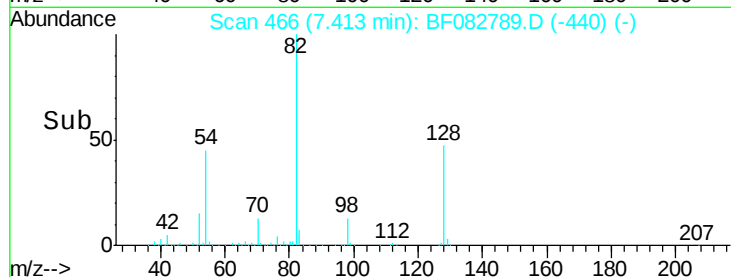
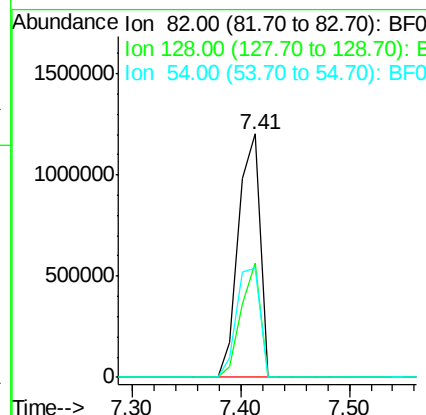
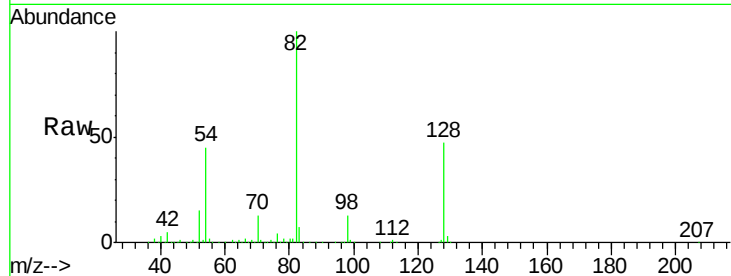




#23
 Nitrobenzene-d5
 Concen: 69.79 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082789.D
 Acq: 7 Nov 2015 4:43

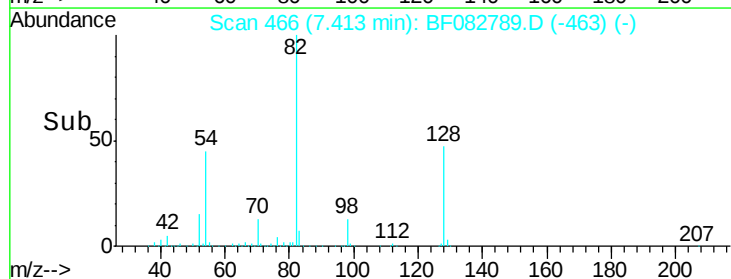
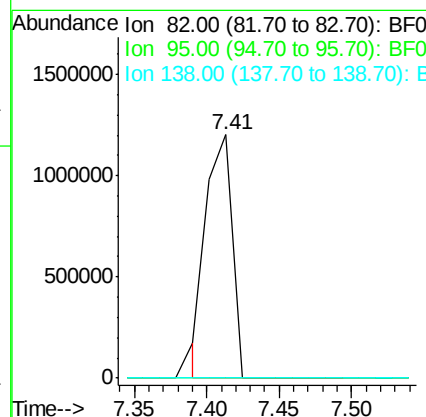
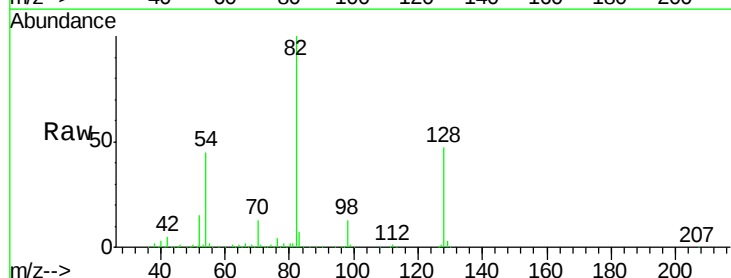
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-3(0-2)

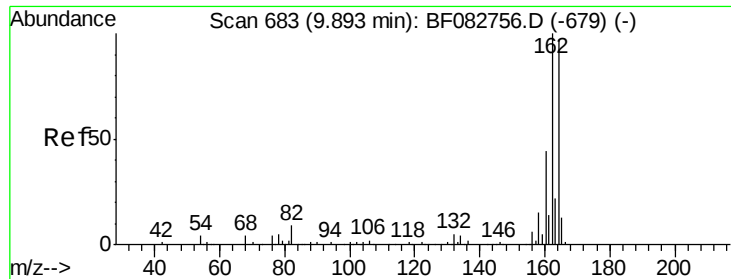
Tgt Ion: 82 Resp: 1621695
 Ion Ratio Lower Upper
 82 100
 128 47.2 26.8 40.2#
 54 44.8 45.7 68.5#



#25
 Isophorone
 Concen: 34.89 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082789.D
 Acq: 7 Nov 2015 4:43

Tgt Ion: 82 Resp: 1500118
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

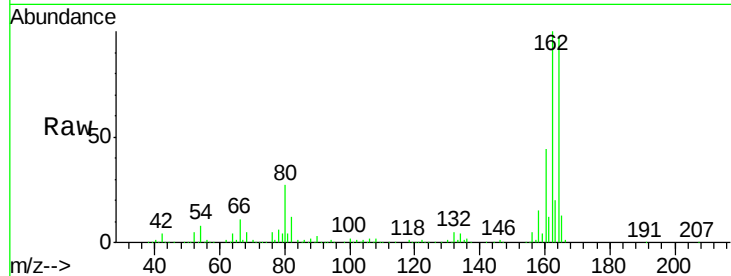




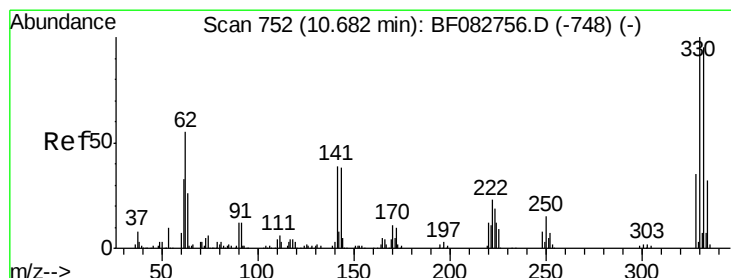
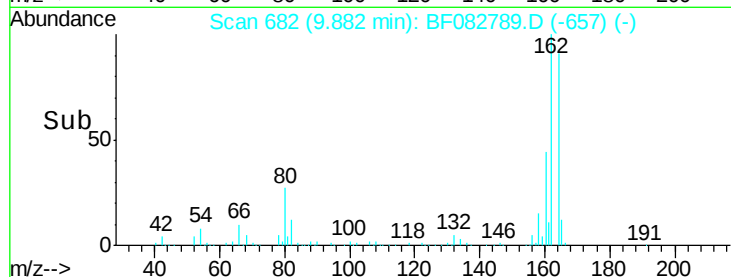
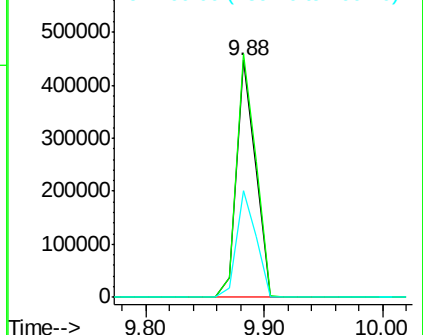
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF082789.D
Acq: 7 Nov 2015 4:43

Instrument :
BNA_F
ClientSampleId :
WABUT-3(0-2)

Tgt Ion:164 Resp: 498256
Ion Ratio Lower Upper
164 100
162 102.7 84.9 127.3
160 45.0 37.5 56.3

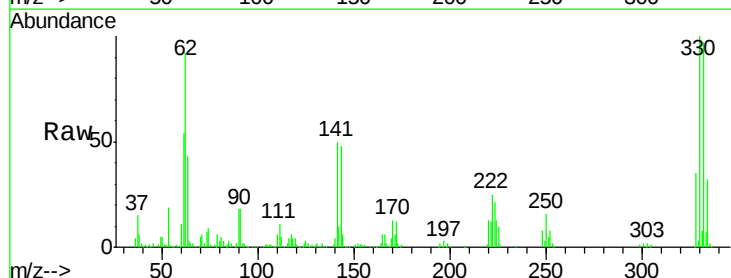


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

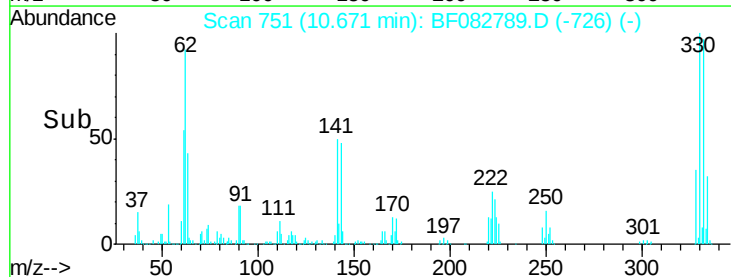
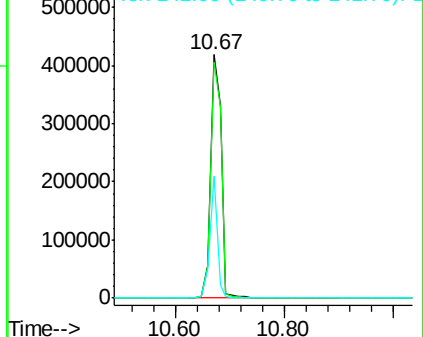


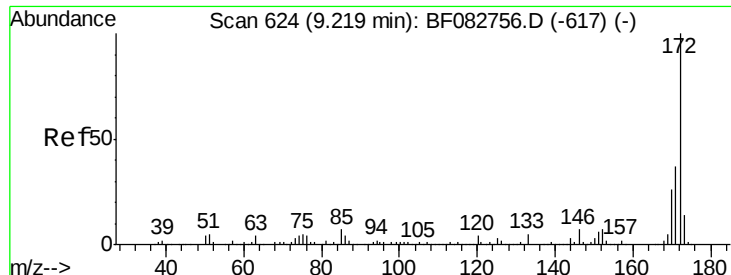
#41
2,4,6-Tribromophenol
Concen: 100.18 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF082789.D
Acq: 7 Nov 2015 4:43

Tgt Ion:330 Resp: 572303
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 34.9 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

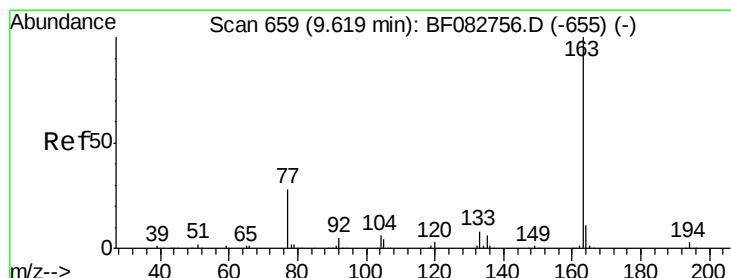
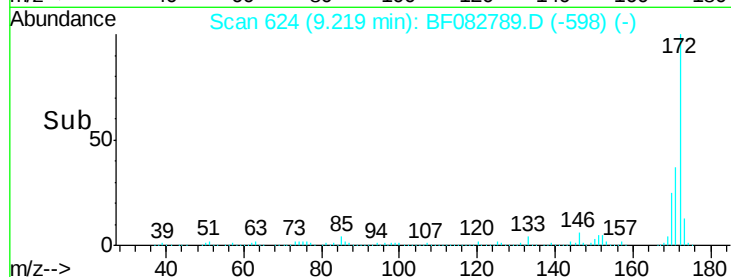
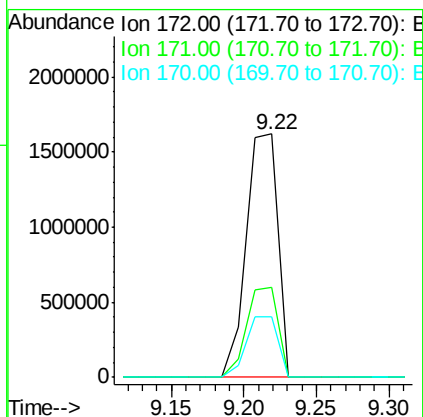
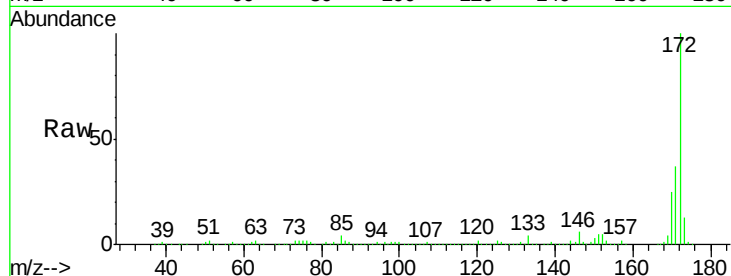




#44
 2-Fluorobiphenyl
 Concen: 70.38 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082789.D
 Acq: 7 Nov 2015 4:43

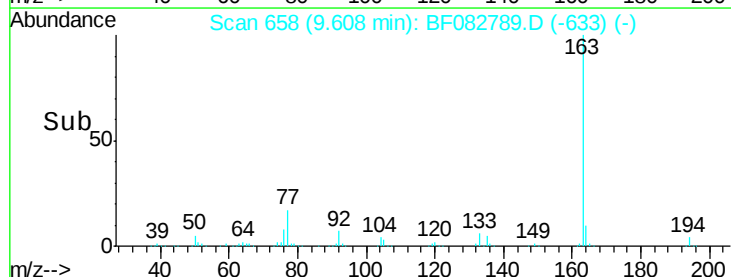
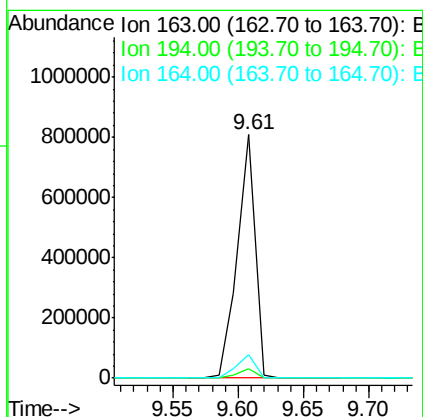
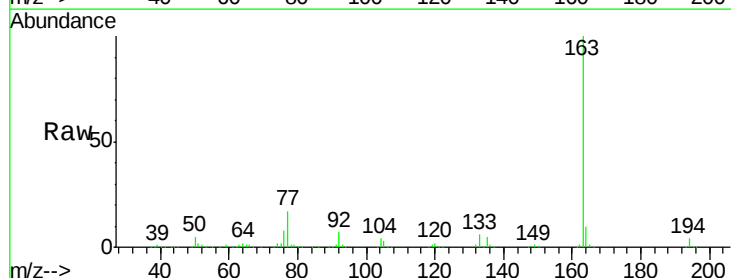
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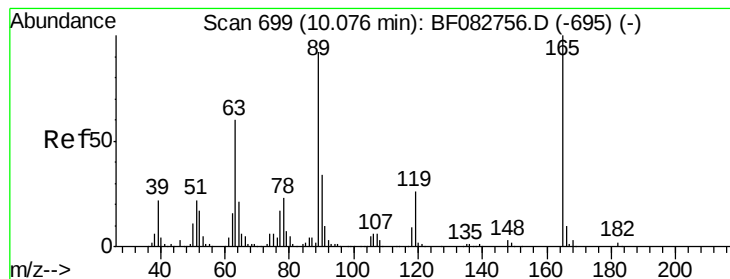
Tgt Ion:172 Resp: 2446568
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 24.8 21.2 31.8



#49
 Dimethylphthalate
 Concen: 18.78 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082789.D
 Acq: 7 Nov 2015 4:43

Tgt Ion:163 Resp: 766632
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.6 4.0
 164 9.8 8.7 13.1





#56

2,4-Dinitrotoluene

Concen: 5.40 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082789.D

Acq: 7 Nov 2015 4:43

Instrument :

BNA_F

ClientSampleId :

WABUT-3(0-2)

Tgt Ion:165 Resp: 63820

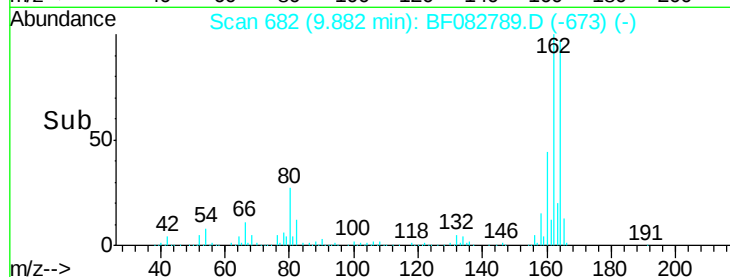
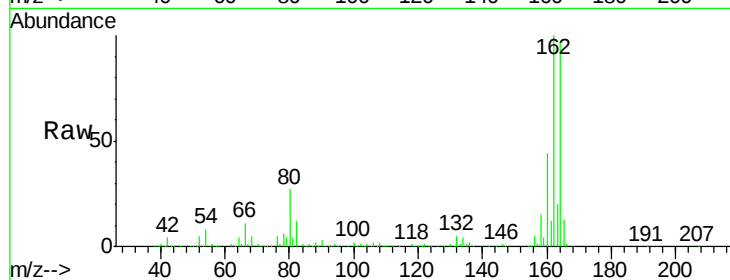
Ion Ratio Lower Upper

165 100

63 2.1 43.4 65.0#

89 1.5 70.6 106.0#

182 0.0 1.5 2.3#

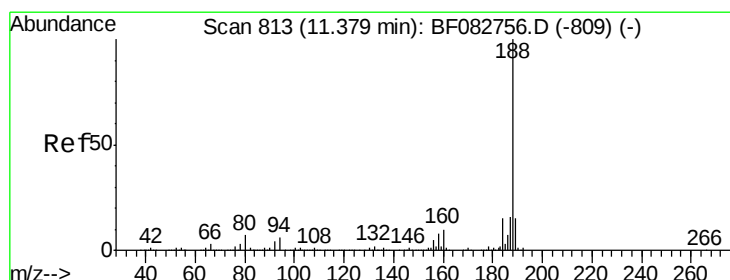
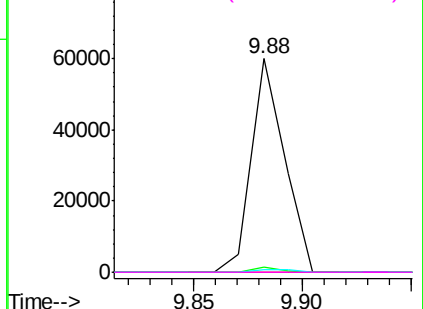


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082789.D

Acq: 7 Nov 2015 4:43

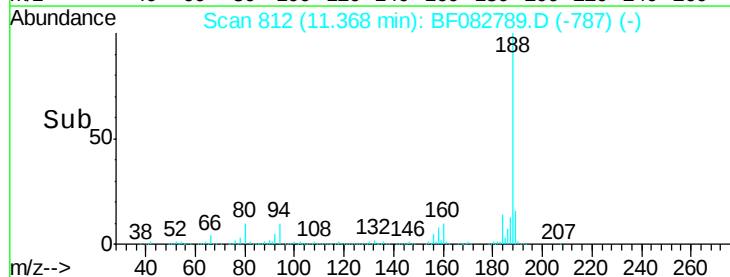
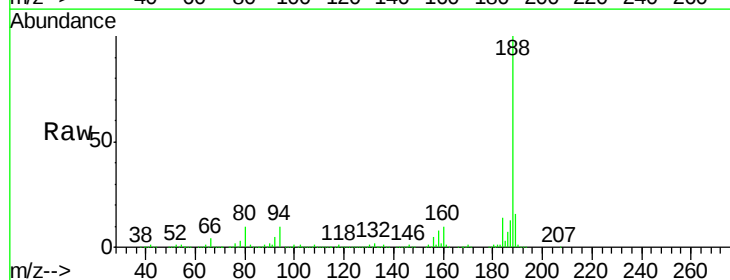
Tgt Ion:188 Resp: 1010726

Ion Ratio Lower Upper

188 100

94 9.5 6.1 9.1#

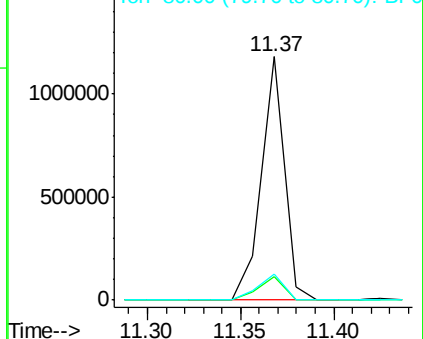
80 10.5 7.0 10.6

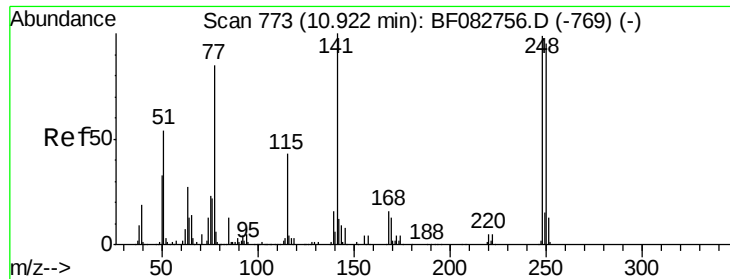


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

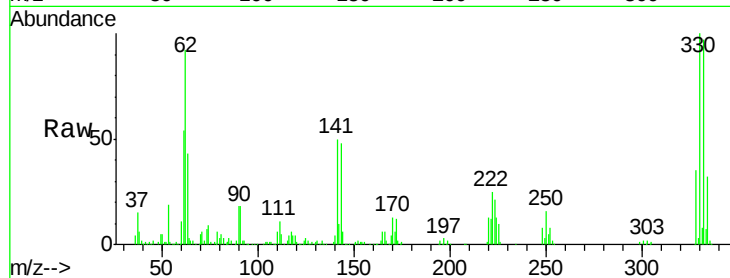




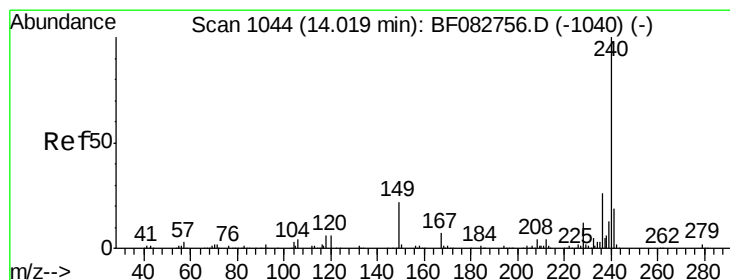
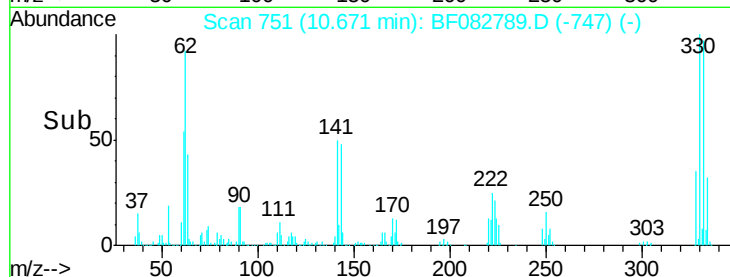
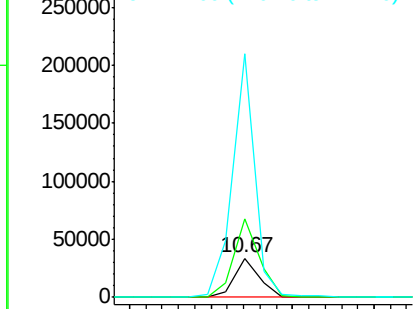
#66
4-Bromophenyl-phenylether
Concen: 2.94 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF082789.D
Acq: 7 Nov 2015 4:43

Instrument :
BNA_F
ClientSampled :
WABUT-3(0-2)

Tgt Ion:248 Resp: 35816
Ion Ratio Lower Upper
248 100
250 198.6 79.4 119.2#
141 620.7 36.3 54.5#

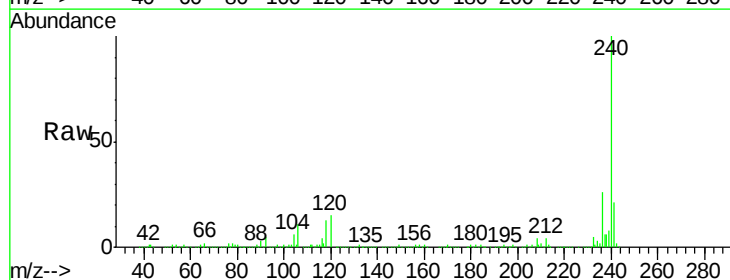


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

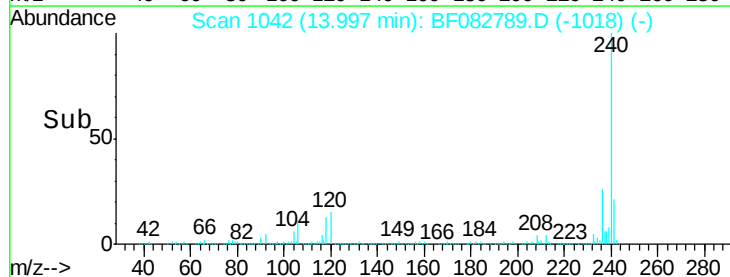
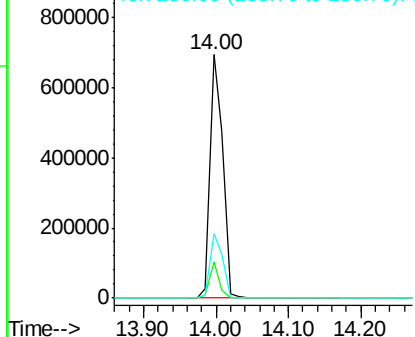


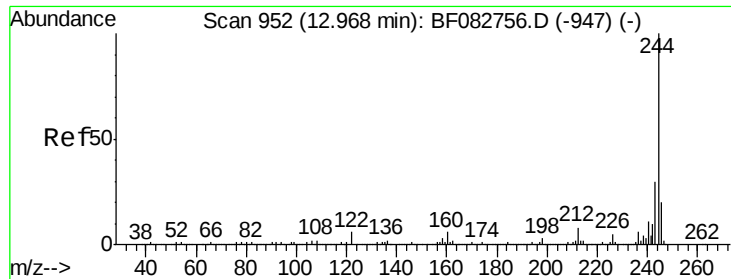
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF082789.D
Acq: 7 Nov 2015 4:43

Tgt Ion:240 Resp: 840312
Ion Ratio Lower Upper
240 100
120 14.7 10.9 16.3
236 26.4 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

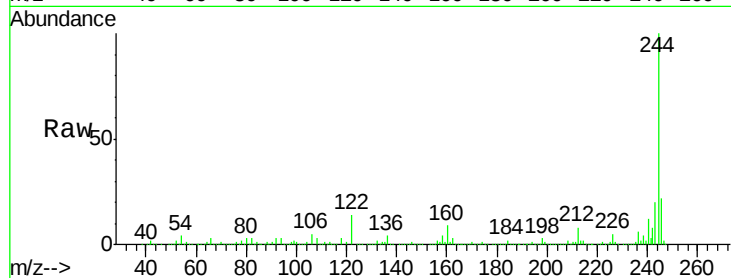




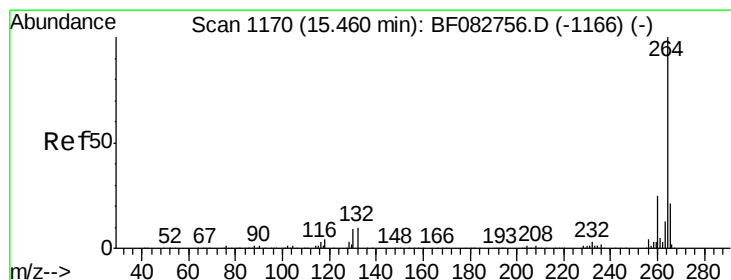
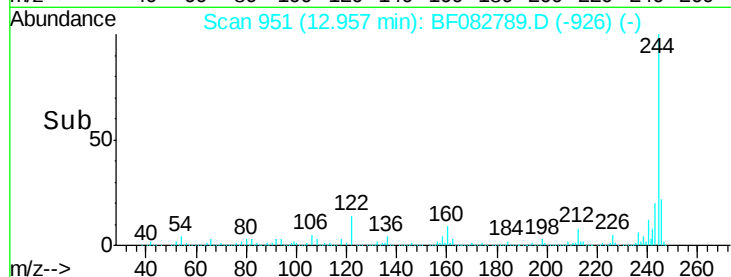
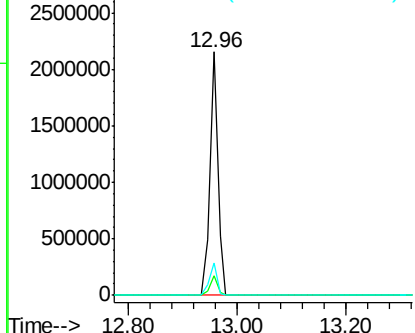
#78
 Terphenyl-d14
 Concen: 61.94 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082789.D
 Acq: 7 Nov 2015 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-3(0-2)

Tgt Ion:244 Resp: 2194341
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.6 11.4
 122 13.5 11.3 16.9

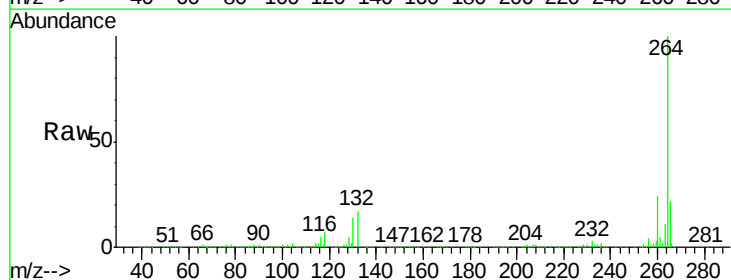


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF082789.D
 Acq: 7 Nov 2015 4:43

Tgt Ion:264 Resp: 703068
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 22.0 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

