

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082804.D
 Acq On : 7 Nov 2015 12:04
 Operator : UM/IZ
 Sample : G4257-17
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-9(0-2)

Quant Time: Nov 09 00:00:09 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	238596	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	856790	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	425667	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	773717	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	572378	20.00	ng	-0.01
86) Perylene-d12	15.44	264	581105	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1217821	79.42	ng	0.01
7) Phenol-d6	6.48	99	1536785	75.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	1027747	52.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	327847	67.17	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1464104	49.30	ng	0.00
78) Terphenyl-d14	12.96	244	1379301	57.16	ng	-0.01

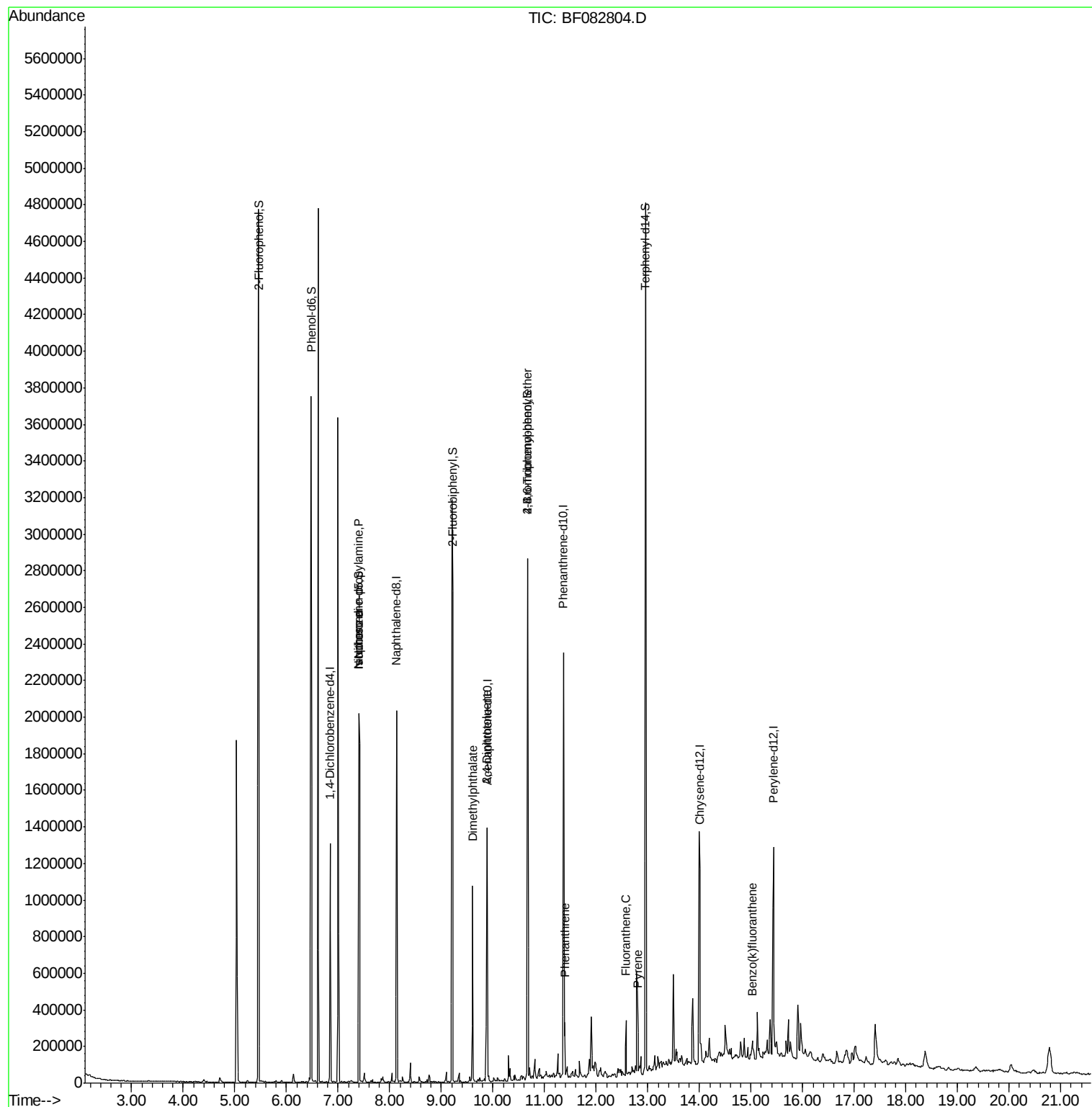
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	135144	9.02	ng	# 70
25) Isophorone	7.40	82	948548	26.04	ng	# 69
49) Dimethylphthalate	9.61	163	442078	12.68	ng	98
56) 2,4-Dinitrotoluene	9.88	165	53663	5.32	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	21354	2.29	ng	# 1
70) Phenanthrene	11.39	178	102239	2.28	ng	96
74) Fluoranthene	12.58	202	141673	2.94	ng	94
77) Pyrene	12.81	202	124482	3.17	ng	94
88) Benzo(k)fluoranthene	15.03	252	72789	2.20	ng	# 95

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

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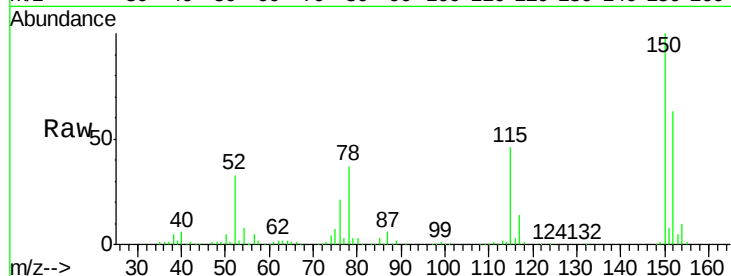




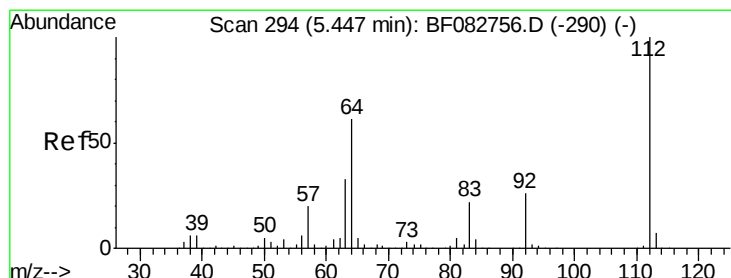
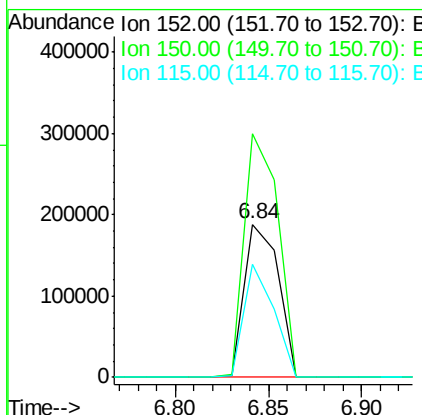
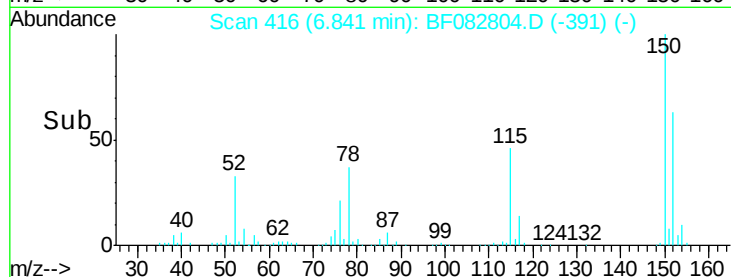
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF082804.D
 Acq: 7 Nov 2015 12:04

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-9(0-2)

Tgt Ion:152 Resp: 238596
 Ion Ratio Lower Upper
 152 100
 150 158.8 127.0 190.4
 115 73.4 47.0 70.6#

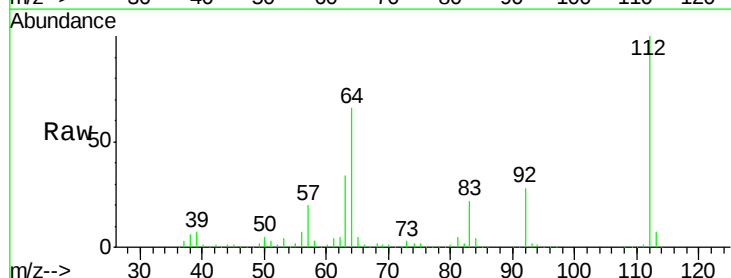


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

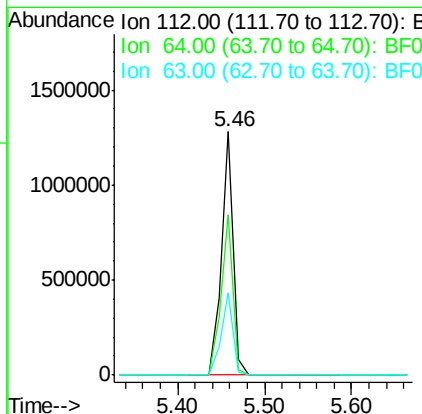
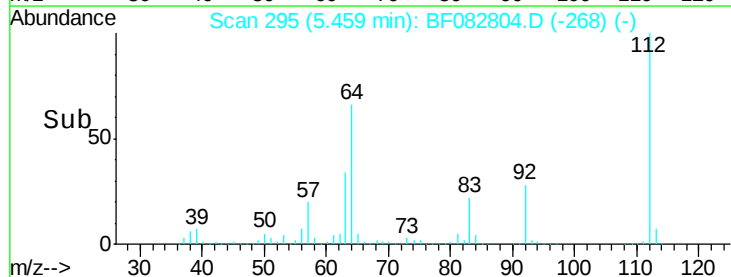


#5
 2-Fluorophenol
 Concen: 79.42 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF082804.D
 Acq: 7 Nov 2015 12:04

Tgt Ion:112 Resp: 1217821
 Ion Ratio Lower Upper
 112 100
 64 65.8 48.9 73.3
 63 33.9 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: 75.38 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)

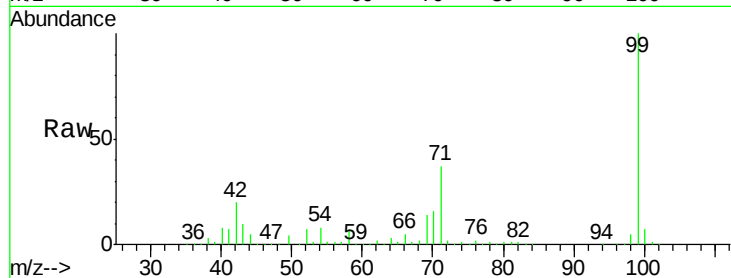
Tgt Ion: 99 Resp: 1536785

Ion Ratio Lower Upper

99 100

42 20.2 19.2 28.8

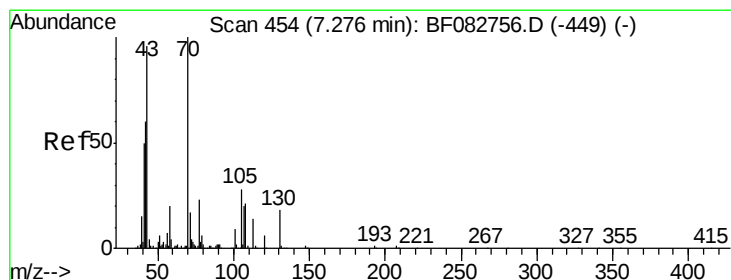
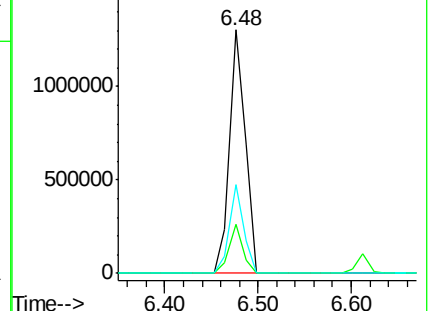
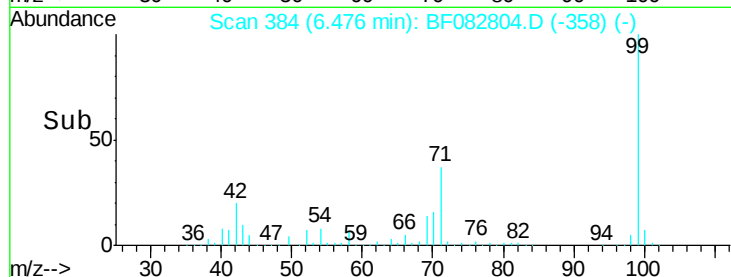
71 36.5 35.0 52.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.02 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.14 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Tgt Ion: 70 Resp: 135144

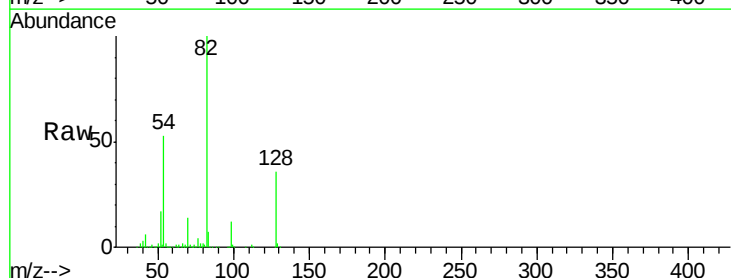
Ion Ratio Lower Upper

70 100

42 46.1 57.7 86.5#

101 0.0 7.0 10.6#

130 2.0 11.8 17.6#

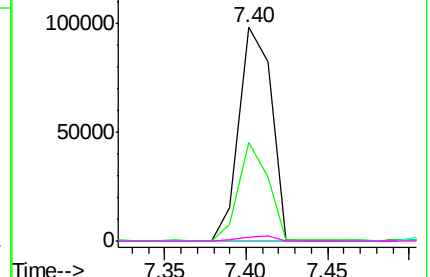
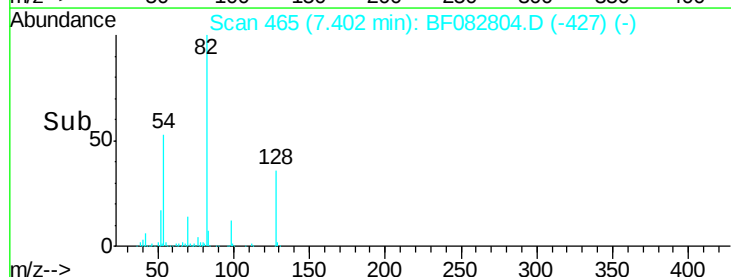


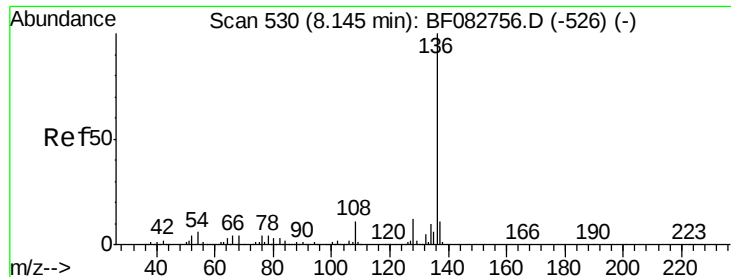
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

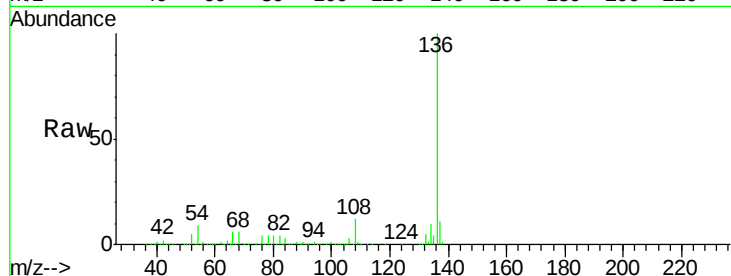




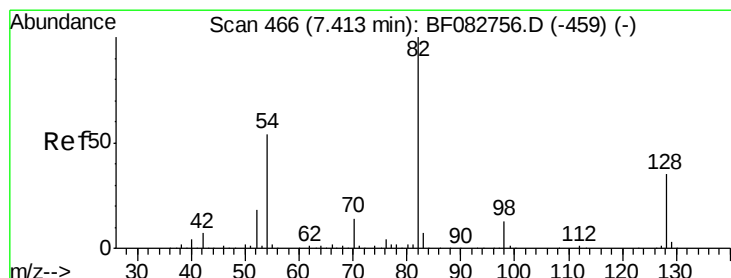
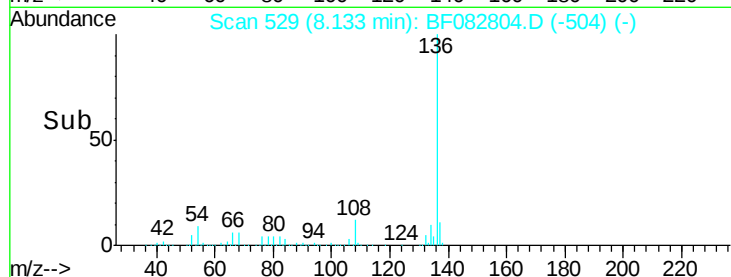
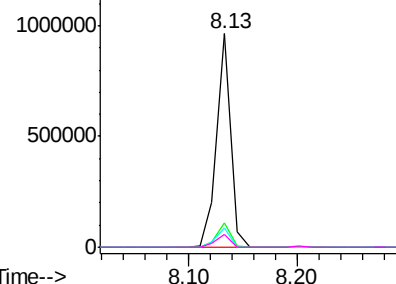
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082804.D
Acq: 7 Nov 2015 12:04

Instrument :
BNA_F
ClientSampleId :
WABUT-9(0-2)

Tgt Ion:	136	Resp:	856790
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.8	9.1	13.7#
68	6.2	4.8	7.2

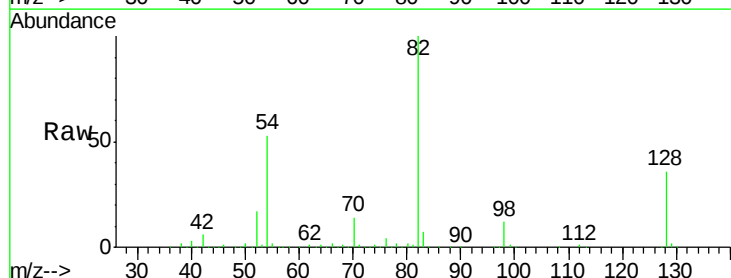


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

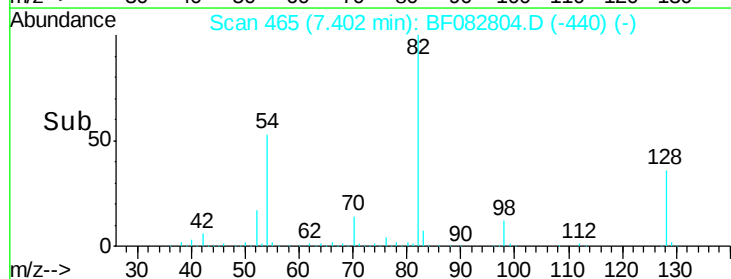
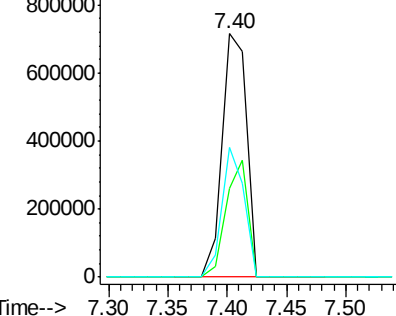


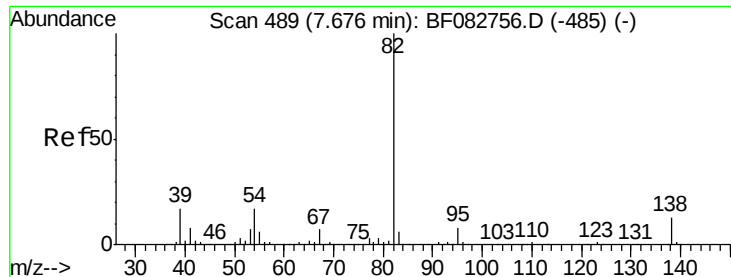
#23
Nitrobenzene-d5
Concen: 52.19 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF082804.D
Acq: 7 Nov 2015 12:04

Tgt Ion:	82	Resp:	1027747
Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.8	40.2
54	53.2	45.7	68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 26.04 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.27 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)

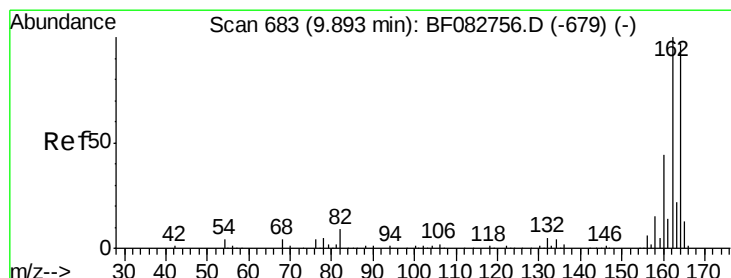
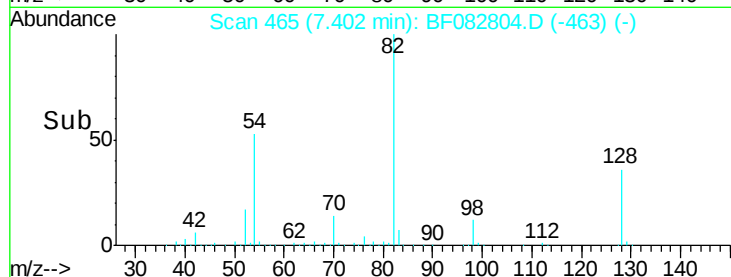
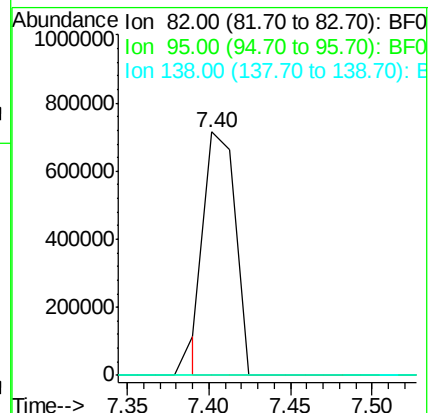
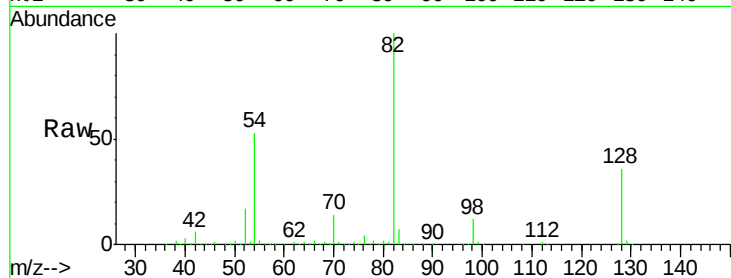
Tgt Ion: 82 Resp: 948548

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: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

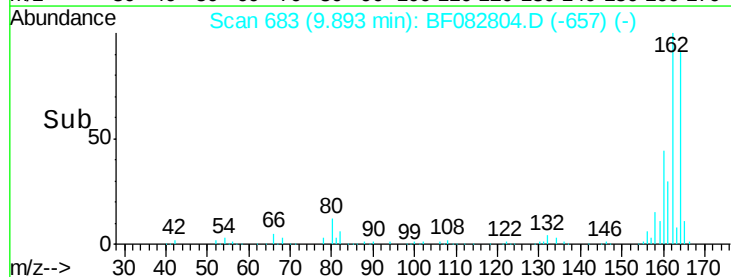
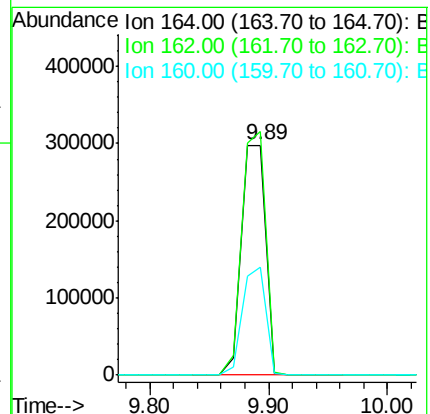
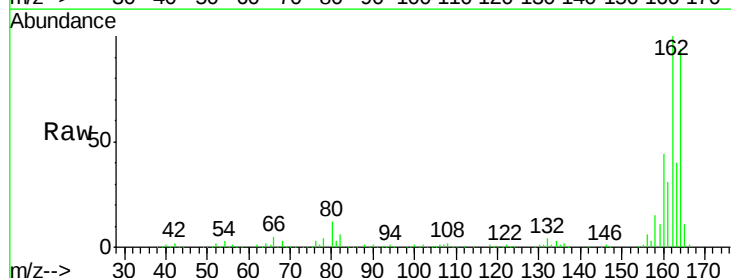
Tgt Ion: 164 Resp: 425667

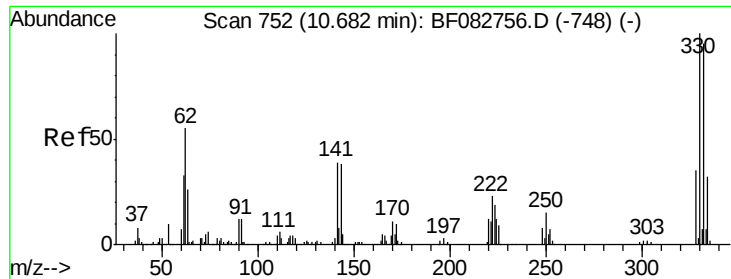
Ion Ratio Lower Upper

164 100

162 105.9 84.9 127.3

160 46.8 37.5 56.3

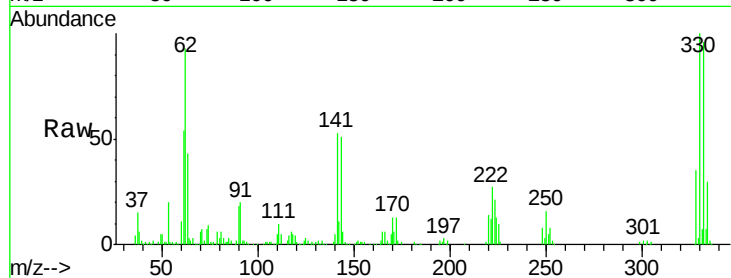




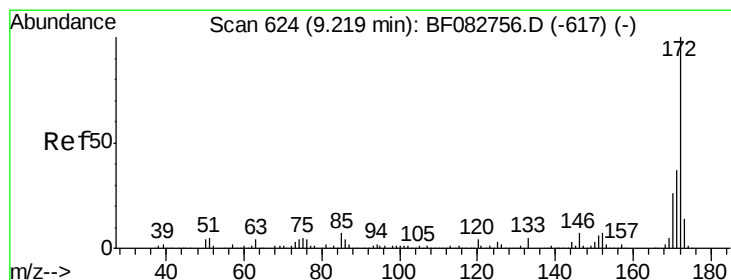
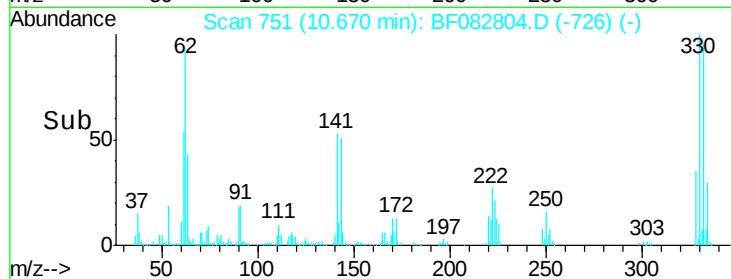
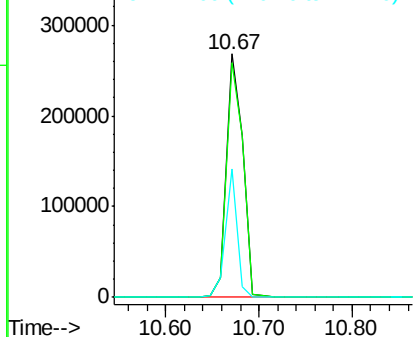
#41
 2,4,6-Tribromophenol
 Concen: 67.17 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082804.D
 Acq: 7 Nov 2015 12:04

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-9(0-2)

Tgt Ion:330 Resp: 327847
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 37.5 41.2 61.8#

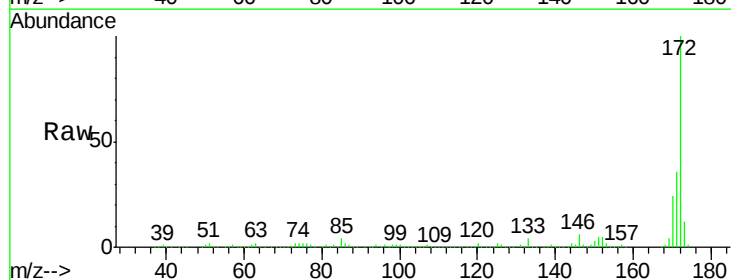


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

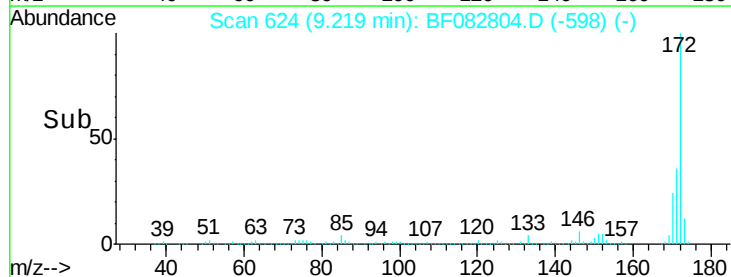
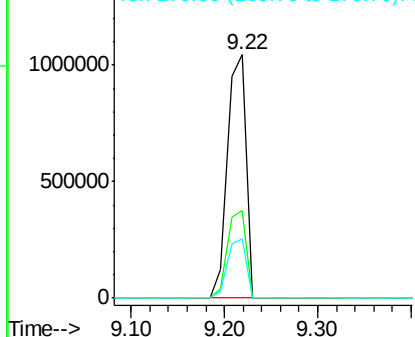


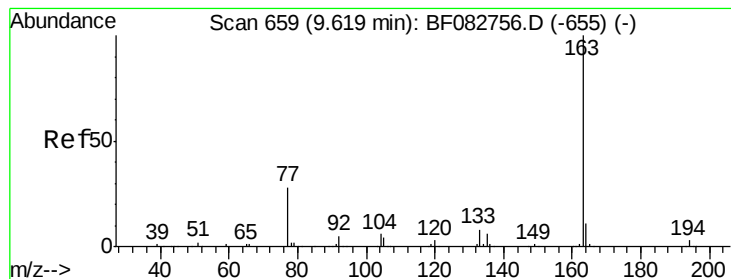
#44
 2-Fluorobiphenyl
 Concen: 49.30 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082804.D
 Acq: 7 Nov 2015 12:04

Tgt Ion:172 Resp: 1464104
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.8 46.2
 170 24.3 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





#49

Dimethylphthalate

Concen: 12.68 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)

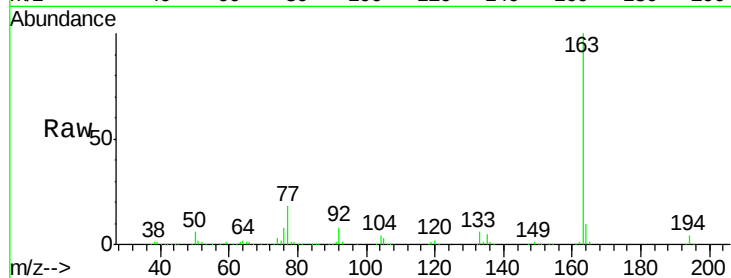
Tgt Ion:163 Resp: 442078

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

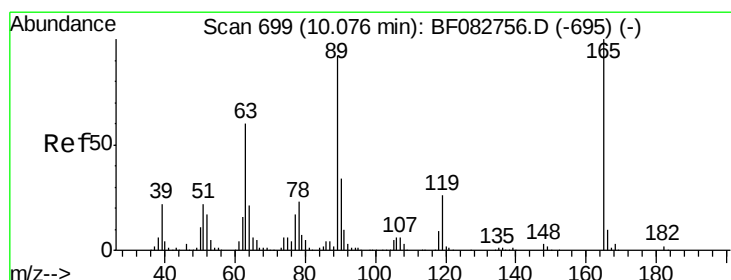
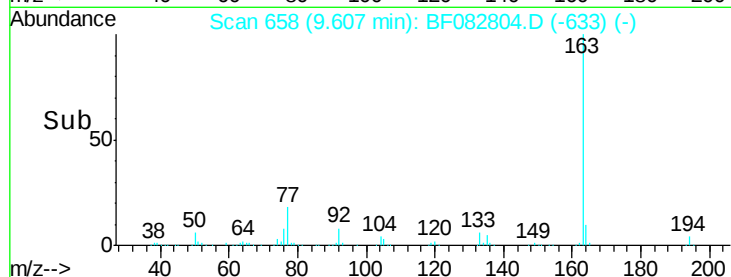
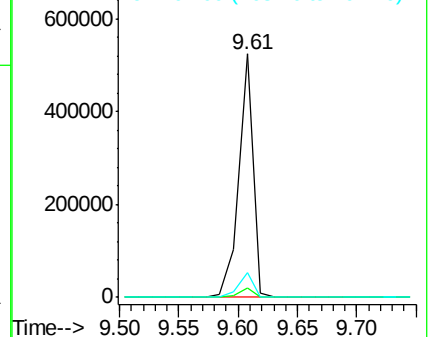
164 9.9 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.32 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Tgt Ion:165 Resp: 53663

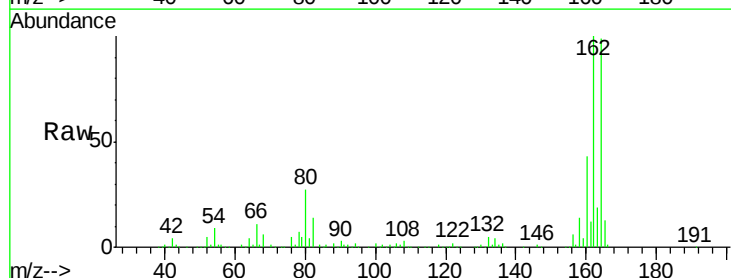
Ion Ratio Lower Upper

165 100

63 2.0 43.4 65.0#

89 1.3 70.6 106.0#

182 0.0 1.5 2.3#

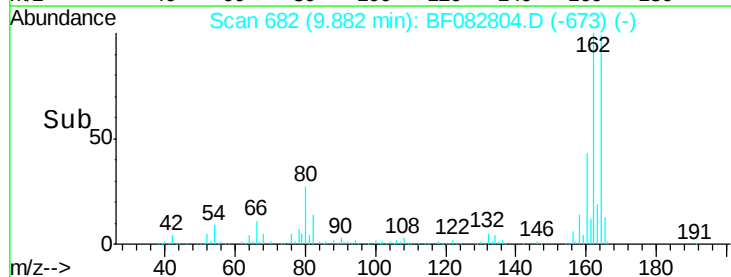
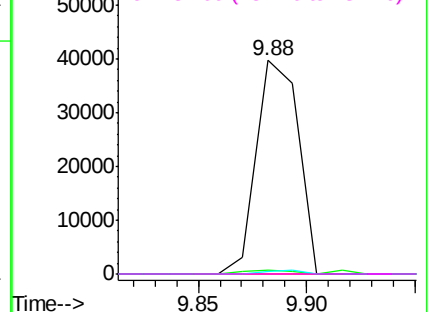


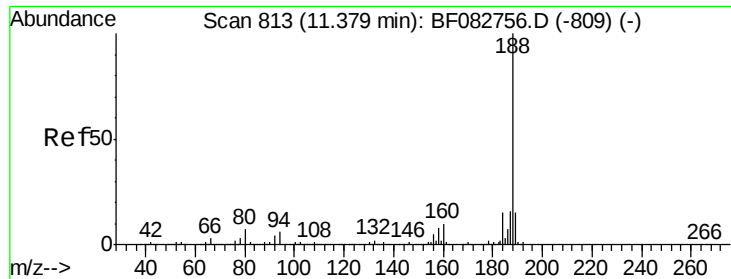
Abundance Ion 165.00 (164.70 to 165.70): E

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

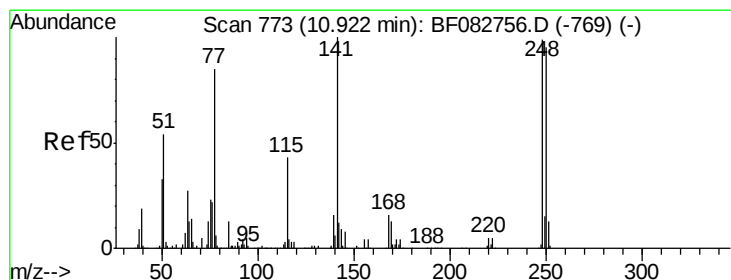
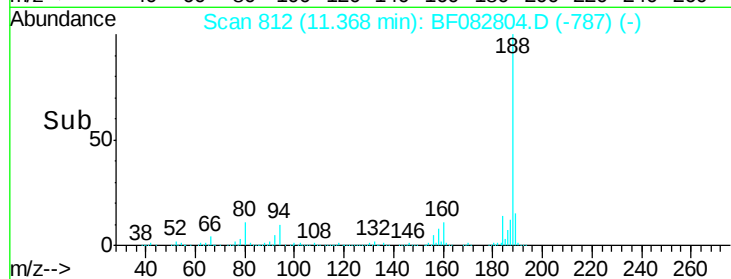
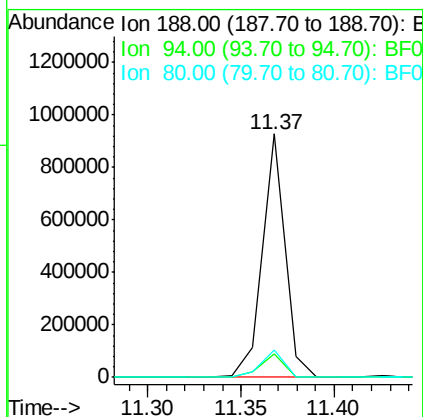
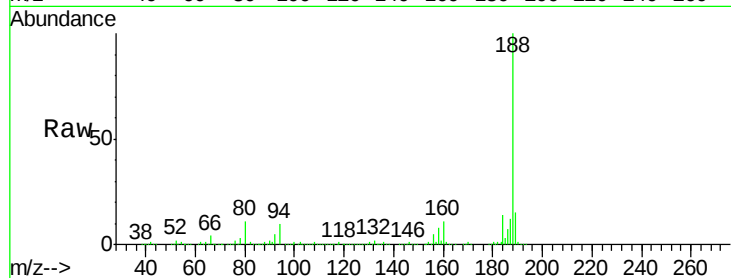




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082804.D
Acq: 7 Nov 2015 12:04

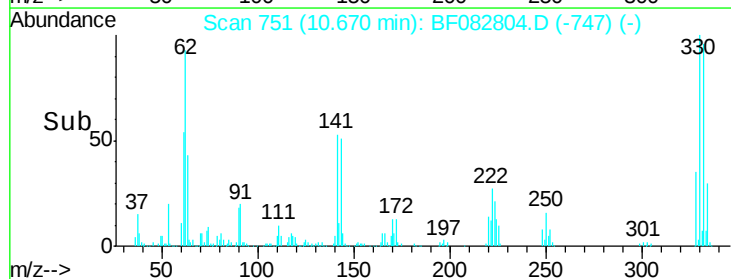
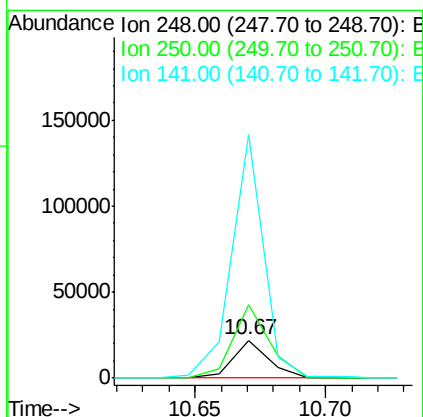
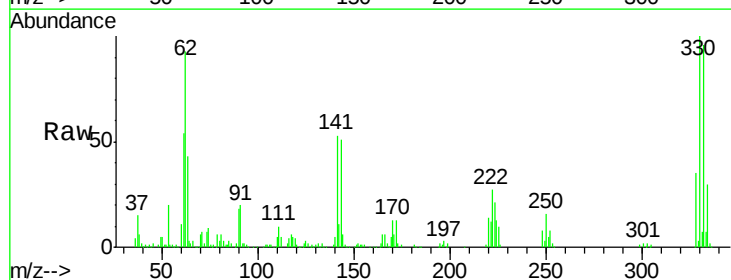
Instrument :
BNA_F
ClientSampleId :
WABUT-9(0-2)

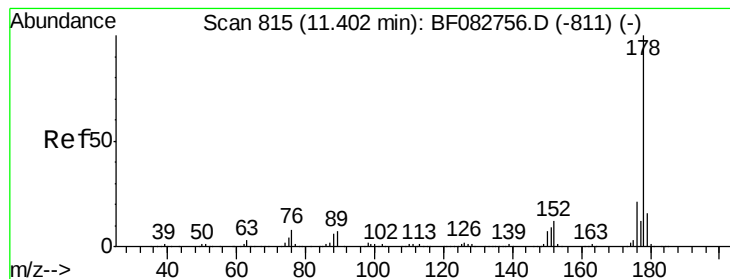
Tgt Ion:188 Resp: 773717
Ion Ratio Lower Upper
188 100
94 9.7 6.1 9.1#
80 11.2 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 2.29 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF082804.D
Acq: 7 Nov 2015 12:04

Tgt Ion:248 Resp: 21354
Ion Ratio Lower Upper
248 100
250 193.1 79.4 119.2#
141 642.4 36.3 54.5#





#70

Phenanthrene

Concen: 2.28 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)

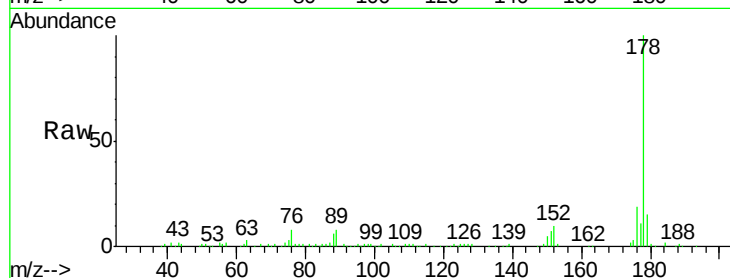
Tgt Ion:178 Resp: 102239

Ion Ratio Lower Upper

178 100

176 18.9 17.0 25.4

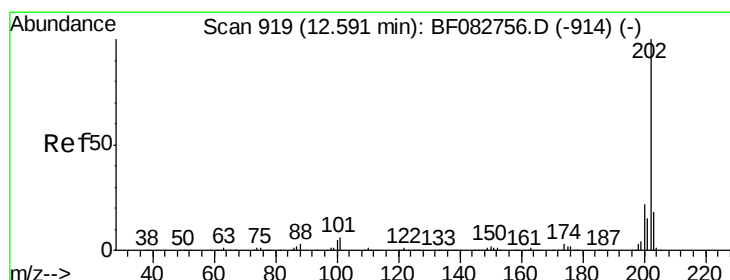
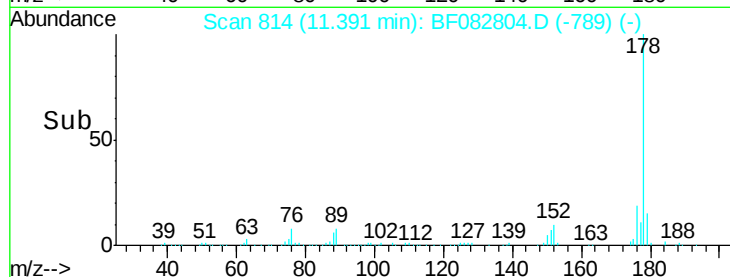
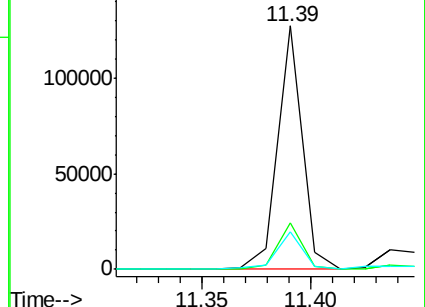
179 15.3 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.94 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

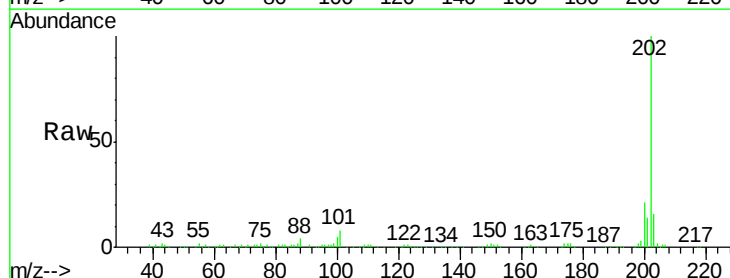
Tgt Ion:202 Resp: 141673

Ion Ratio Lower Upper

202 100

101 7.9 0.0 30.5

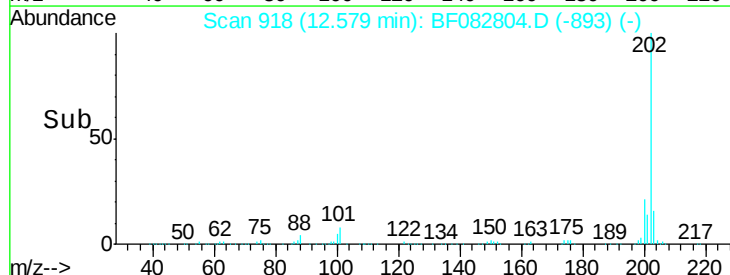
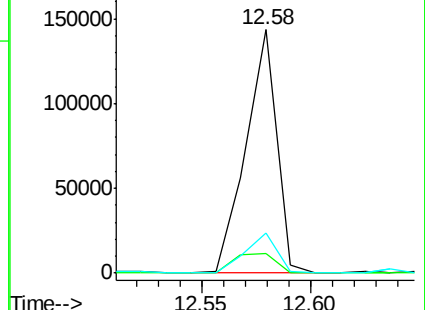
203 16.4 0.0 38.5

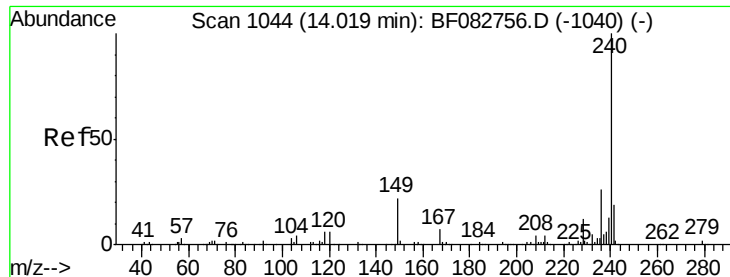


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)

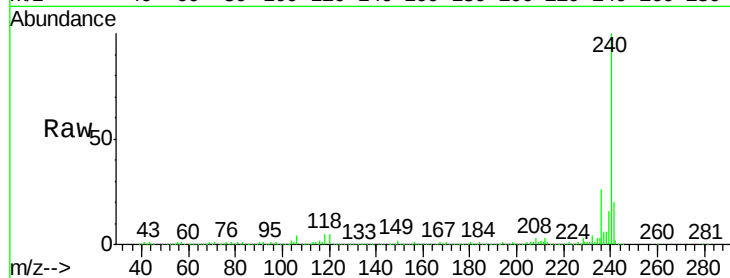
Tgt Ion:240 Resp: 572378

Ion Ratio Lower Upper

240 100

120 5.4 10.9 16.3#

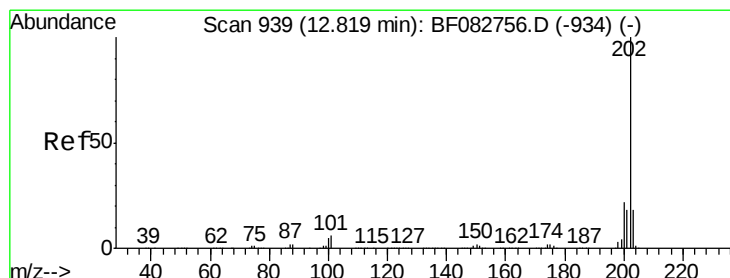
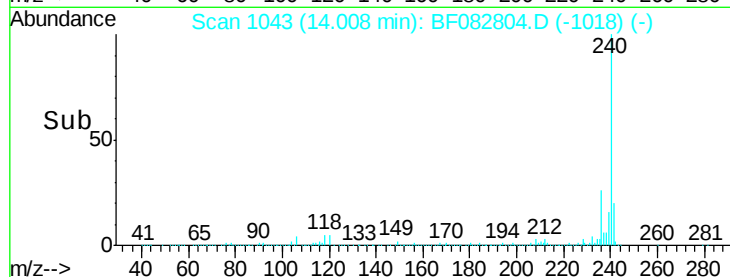
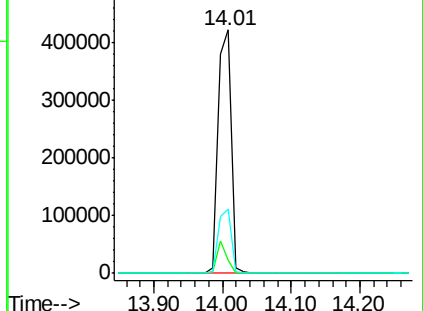
236 26.2 21.6 32.4



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



#77

Pyrene

Concen: 3.17 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

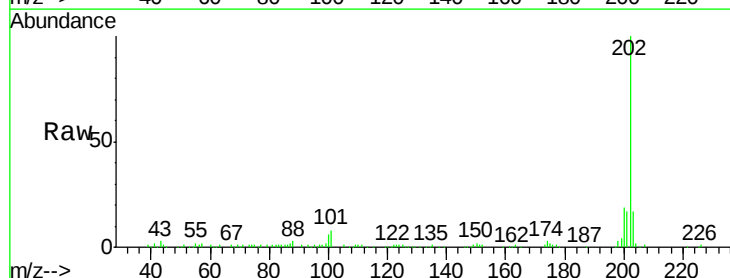
Tgt Ion:202 Resp: 124482

Ion Ratio Lower Upper

202 100

200 19.4 18.7 28.1

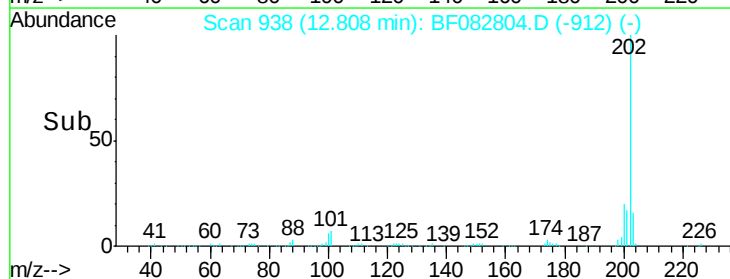
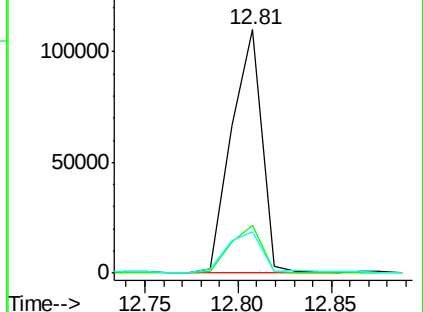
203 17.0 14.8 22.2

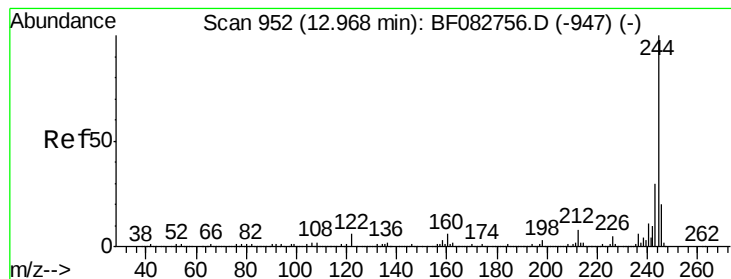


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 57.16 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)

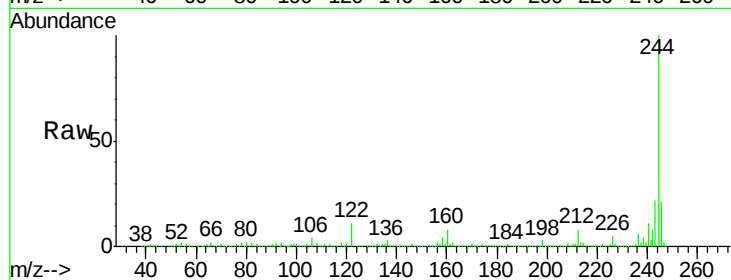
Tgt Ion:244 Resp: 1379301

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

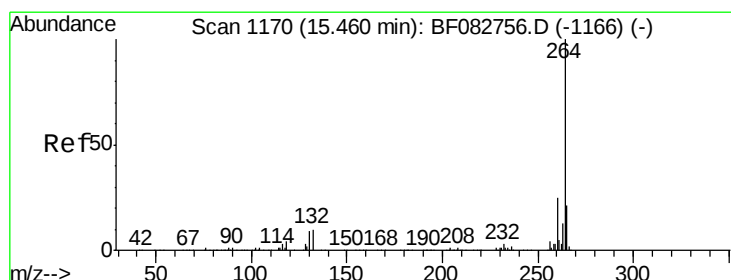
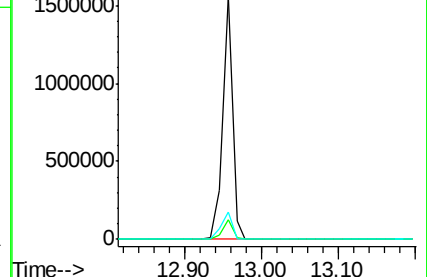
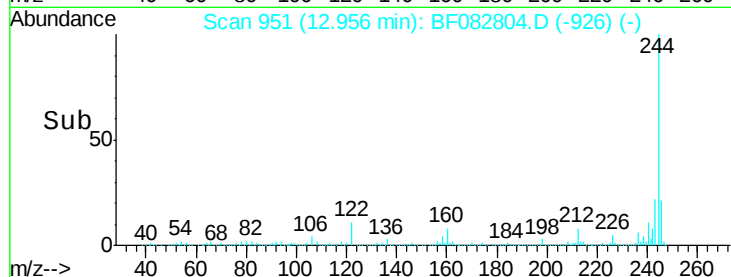
122 11.1 11.3 16.9#



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: 15.44 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

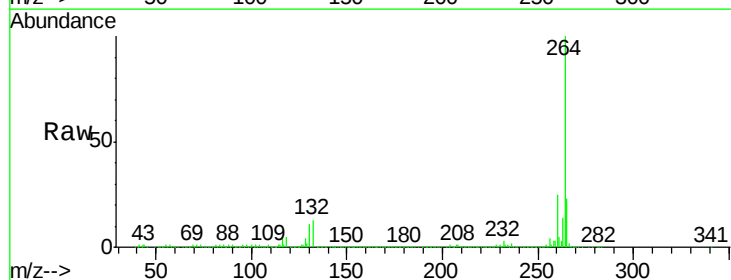
Tgt Ion:264 Resp: 581105

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

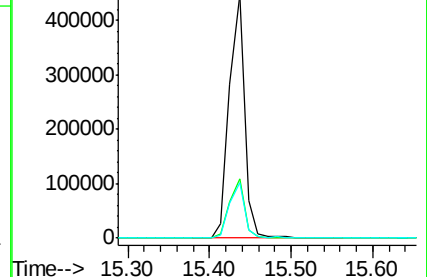
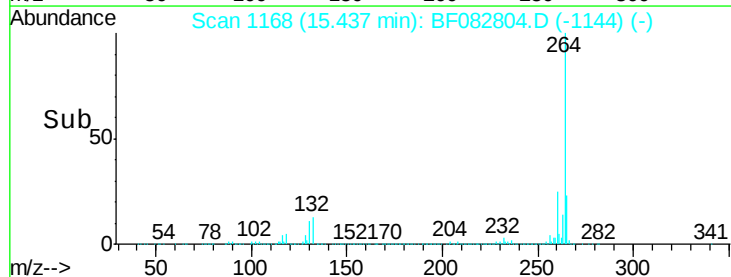
265 22.7 17.4 26.0

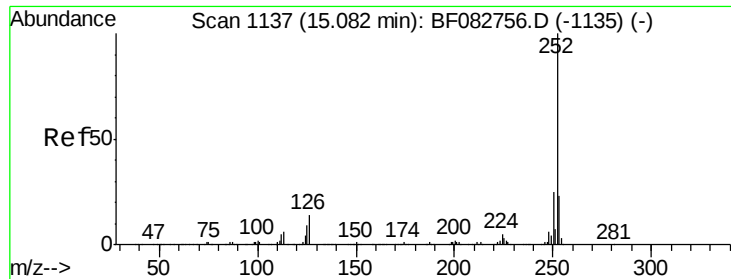


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 2.20 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.06 min

Lab File: BF082804.D

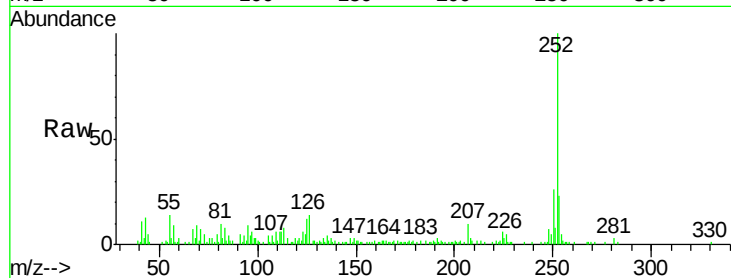
Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)



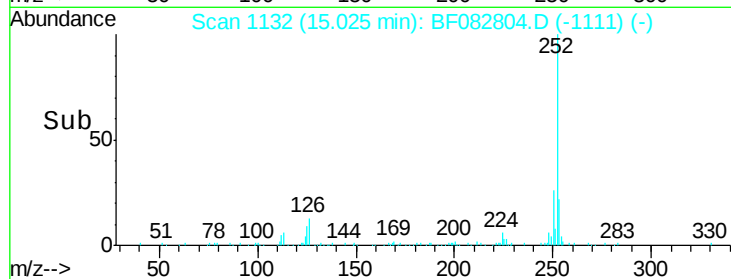
Tgt Ion: 252 Resp: 72789

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 11.9 3.5 5.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

