

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090996.D
 Acq On : 2 Nov 2016 22:45
 Operator : UM/SJ
 Sample : H5463-07RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Quant Time: Nov 02 23:15:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167003	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	631579	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	328690	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	495429	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	386708	20.00	ng	-0.02
86) Perylene-d12	15.28	264	345114	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1342585	140.56	ng	-0.01
7) Phenol-d6	6.37	99	1530186	118.74	ng	-0.02
23) Nitrobenzene-d5	7.29	82	795098	82.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	371196	109.89	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1648653	88.08	ng	-0.02
78) Terphenyl-d14	12.83	244	1096558	71.44	ng	-0.02

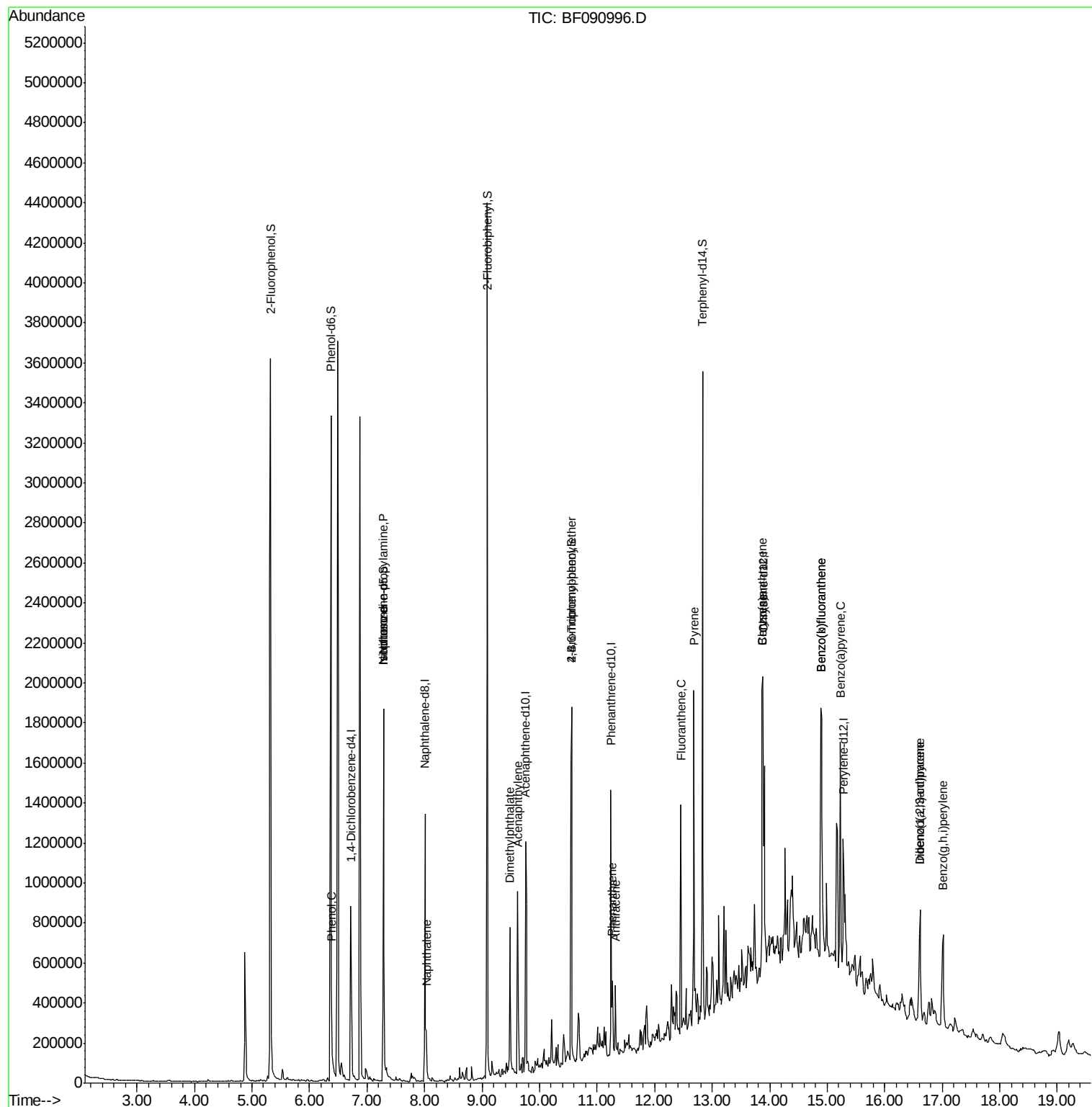
Target Compounds						Qvalue
10) Phenol	6.38	94	69347	4.88	ng	72
19) n-Nitroso-di-n-propylamine	7.29	70	106014	14.23	ng	# 53
25) Isophorone	7.29	82	685693	35.02	ng	# 58
31) Naphthalene	8.03	128	110286	3.74	ng	99
48) Acenaphthylene	9.62	152	396280	14.53	ng	96
49) Dimethylphthalate	9.48	163	314278	14.31	ng	# 97
66) 4-Bromophenyl-phenylether	10.56	248	21178	3.90	ng	# 1
70) Phenanthrene	11.26	178	128502	5.09	ng	97
71) Anthracene	11.32	178	195378	7.35	ng	99
74) Fluoranthene	12.45	202	432509	15.65	ng	91
77) Pyrene	12.68	202	685592	28.01	ng	96
80) Benzo(a)anthracene	13.87	228	511748	24.94	ng	# 73
82) Chrysene	13.87	228	511748	24.65	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.61	276	347201	18.87	ng	# 88
87) Benzo(b)fluoranthene	14.90	252	982047	42.32	ng	# 89
88) Benzo(k)fluoranthene	14.90	252	982047	53.55	ng	# 89
89) Benzo(a)pyrene	15.23	252	581155	29.15	ng	# 85
90) Dibenzo(a,h)anthracene	16.61	278	94886	5.62	ng	# 59
91) Benzo(g,h,i)perylene	17.01	276	346058	21.77	ng	# 80

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

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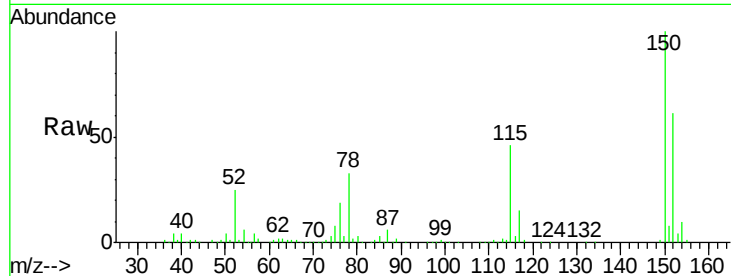




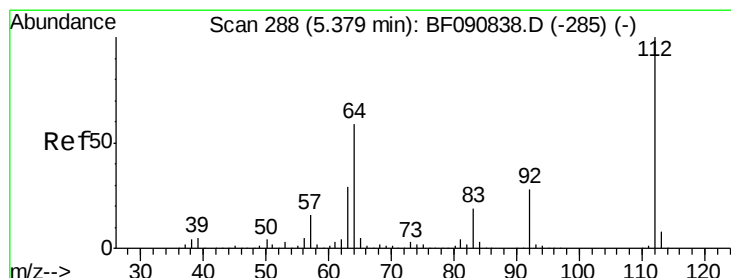
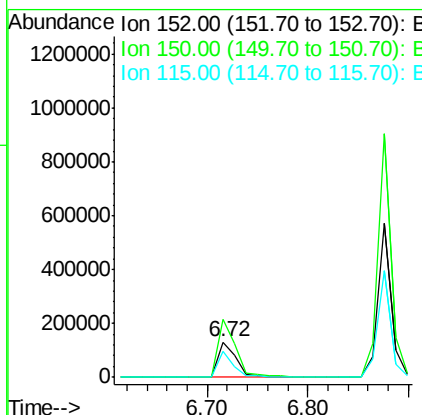
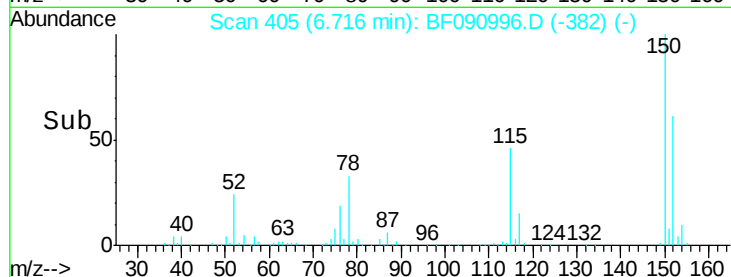
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 405
 Delta R.T. -0.03 min
 Lab File: BF090996.D
 Acq: 2 Nov 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Tgt Ion:152 Resp: 167003
 Ion Ratio Lower Upper
 152 100
 150 162.7 124.7 187.1
 115 74.3 39.0 58.4#

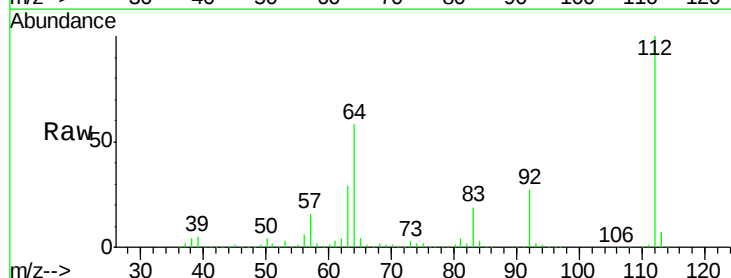


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

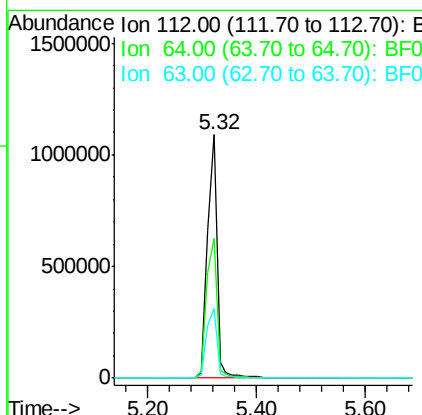
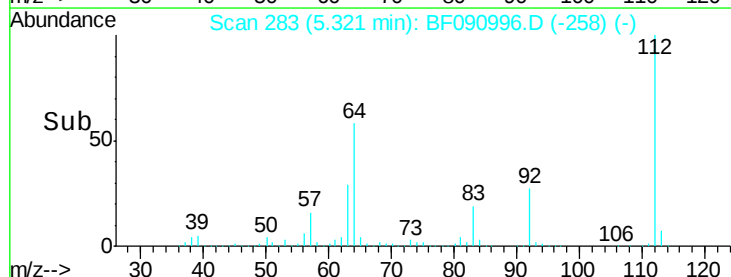


#5
 2-Fluorophenol
 Concen: 140.56 ng
 RT: 5.32 min Scan# 283
 Delta R.T. -0.01 min
 Lab File: BF090996.D
 Acq: 2 Nov 2016 22:45

Tgt Ion:112 Resp: 1342585
 Ion Ratio Lower Upper
 112 100
 64 57.7 39.7 59.5
 63 28.7 17.4 26.0#



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: 118.74 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090996.D

Acq: 2 Nov 2016 22:45

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

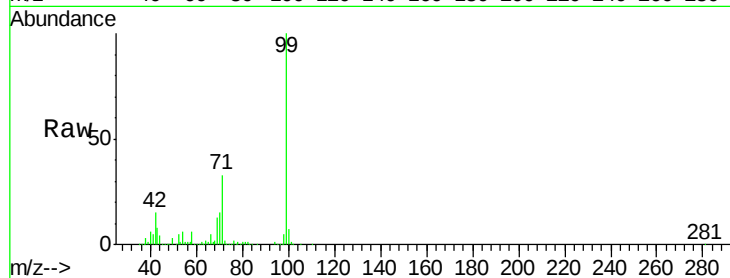
Tgt Ion: 99 Resp: 1530186

Ion Ratio Lower Upper

99 100

42 15.0 13.7 20.5

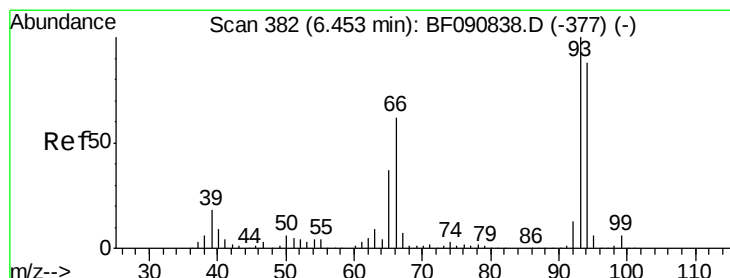
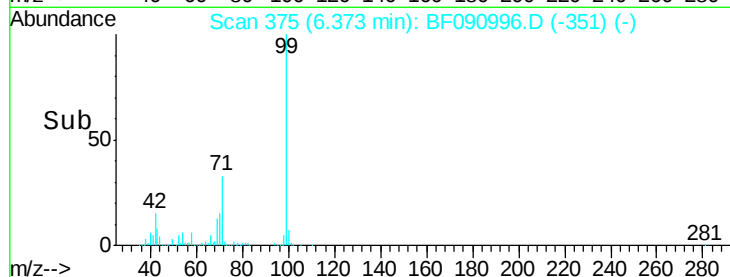
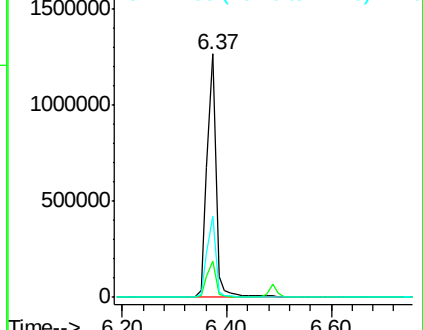
71 33.5 14.2 21.2#



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



#10

Phenol

Concen: 4.88 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF090996.D

Acq: 2 Nov 2016 22:45

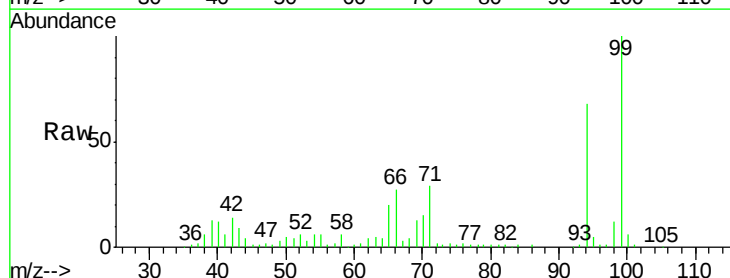
Tgt Ion: 94 Resp: 69347

Ion Ratio Lower Upper

94 100

65 28.6 0.7 40.7

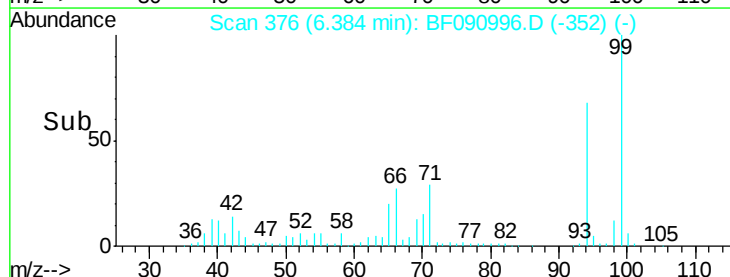
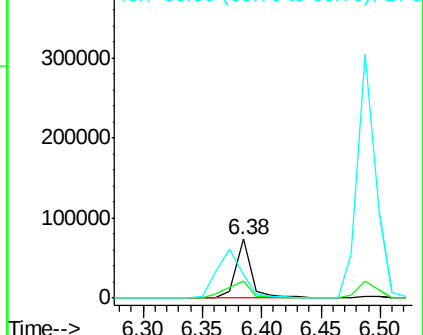
66 38.8 0.8 40.8

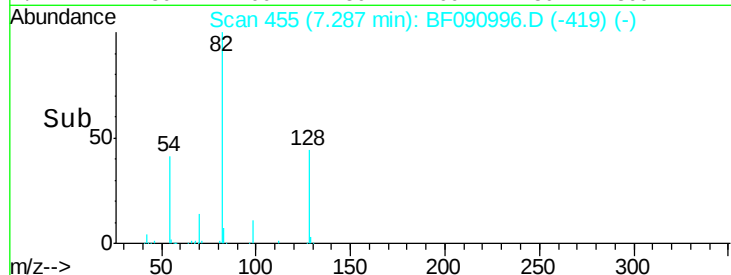
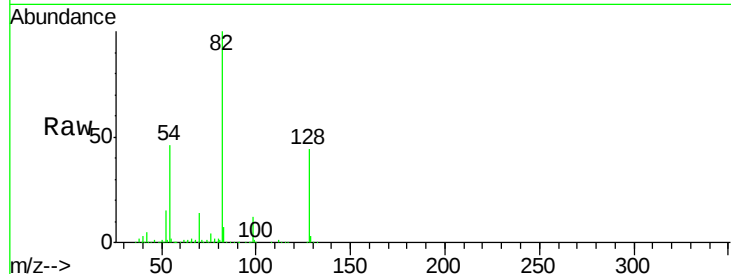
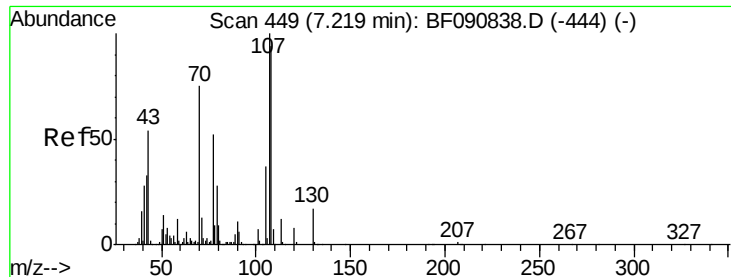


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

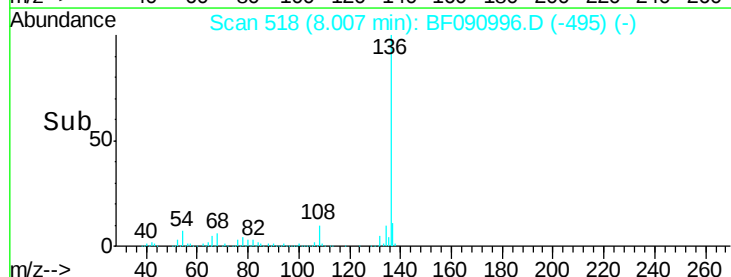
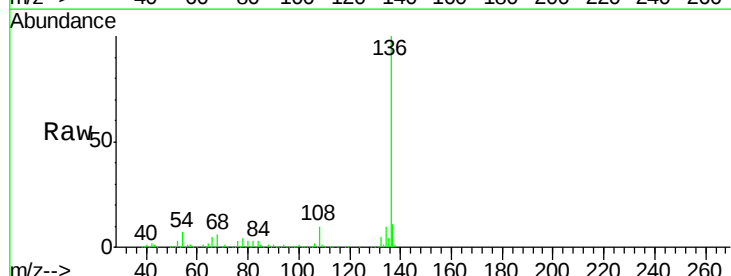
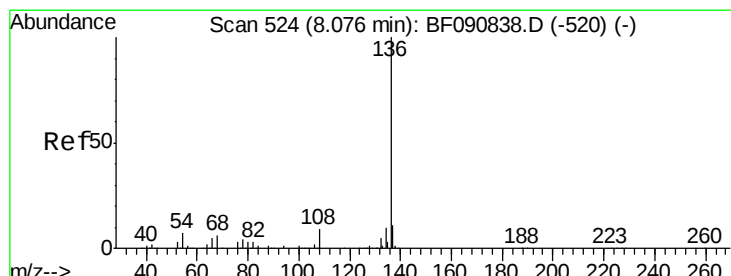
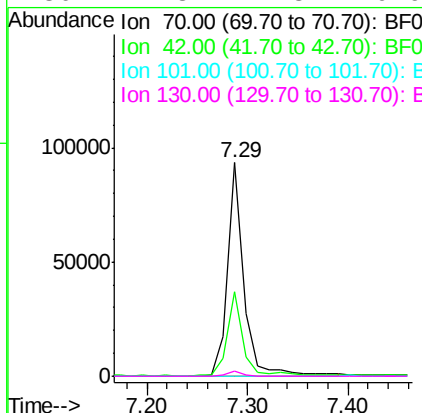




#19
n-Nitroso-di-n-propylamine
Concen: 14.23 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.11 min
Lab File: BF090996.D
Acq: 2 Nov 2016 22:45

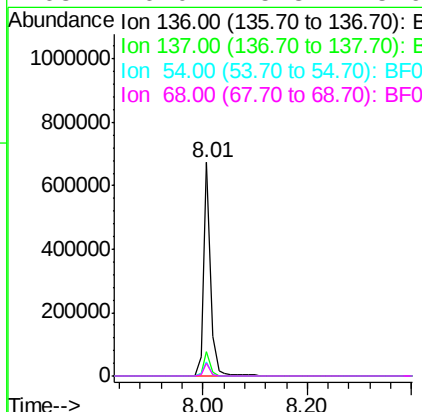
Instrument :
BNA_F
ClientSampled :
SB-4(0-2)

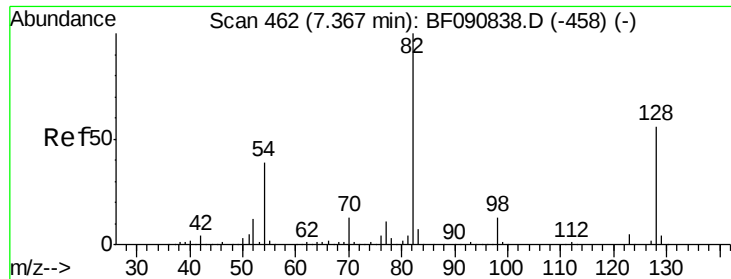
Tgt Ion:	70	Resp:	106014
Ion	Ratio	Lower	Upper
70	100		
42	39.3	63.8	95.6#
101	0.0	9.2	13.8#
130	2.3	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090996.D
Acq: 2 Nov 2016 22:45

Tgt Ion:	136	Resp:	631579
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	6.6	8.2	12.2#
68	6.0	5.8	8.6

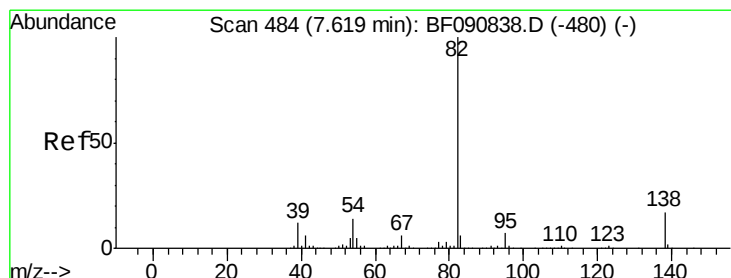
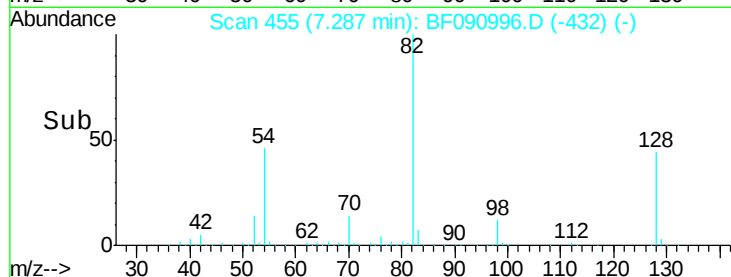
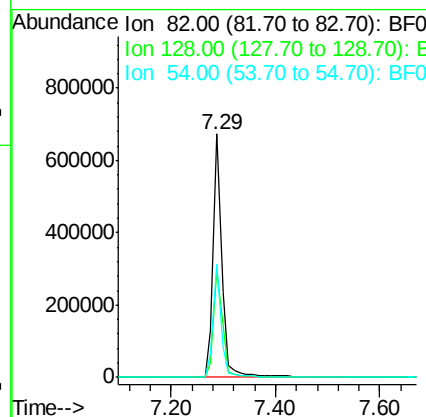
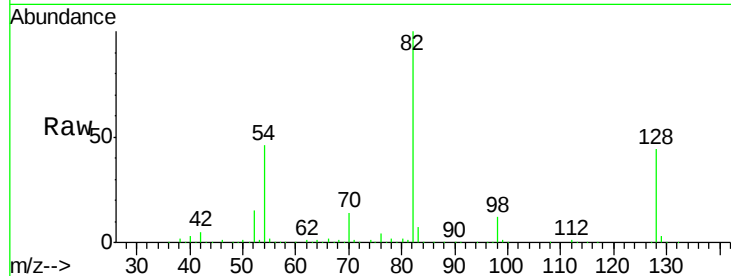




#23
 Nitrobenzene-d5
 Concen: 82.41 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BF090996.D
 Acq: 2 Nov 2016 22:45

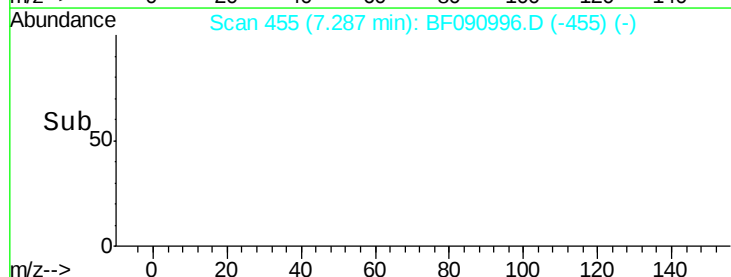
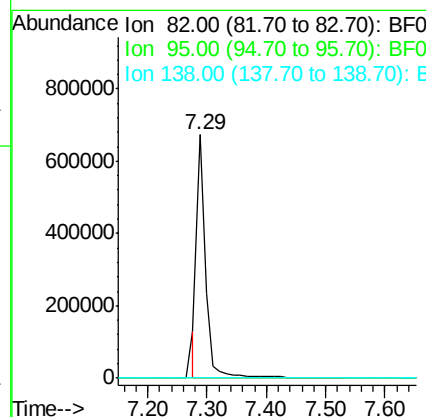
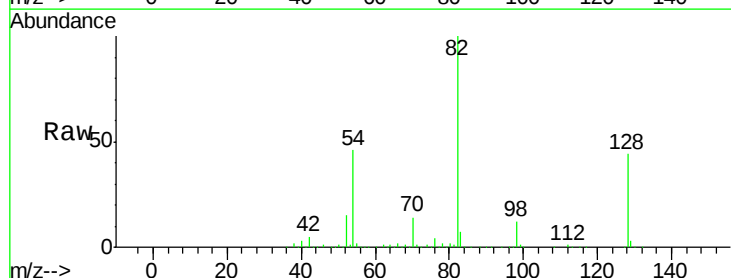
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

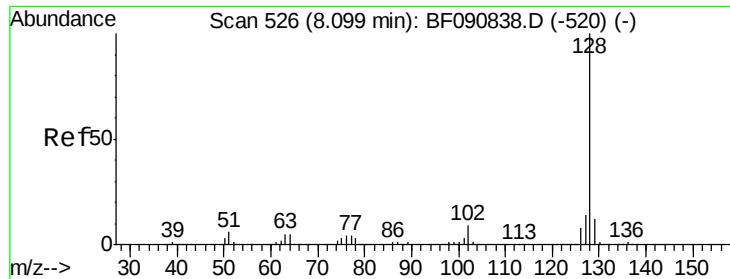
Tgt Ion: 82 Resp: 795098
 Ion Ratio Lower Upper
 82 100
 128 43.6 51.0 76.6#
 54 46.3 47.5 71.3#



#25
 Isophorone
 Concen: 35.02 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.30 min
 Lab File: BF090996.D
 Acq: 2 Nov 2016 22:45

Tgt Ion: 82 Resp: 685693
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

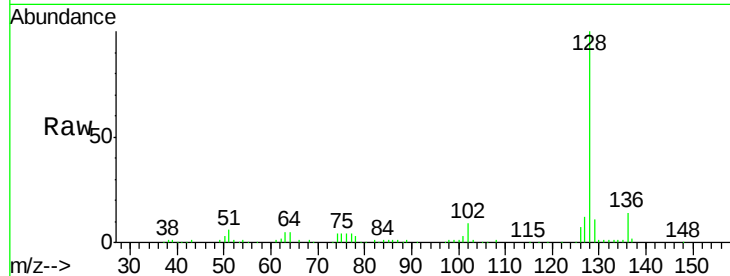




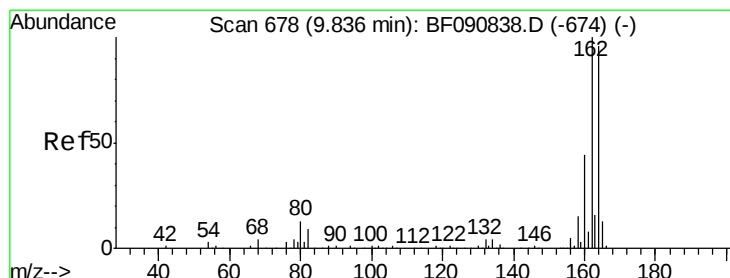
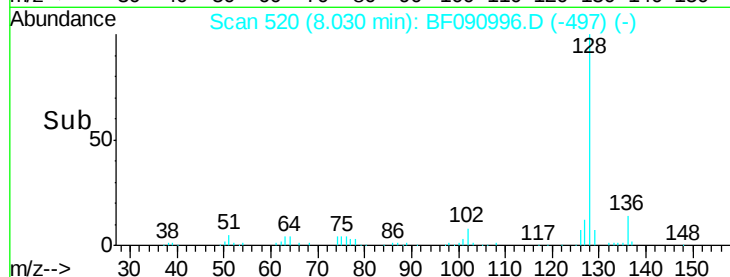
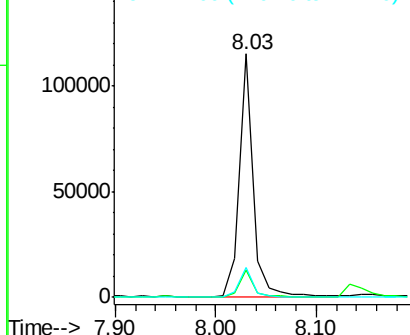
#31
Naphthalene
Concen: 3.74 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF090996.D
Acq: 2 Nov 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

Tgt Ion:128 Resp: 110286
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 12.4 9.9 14.9

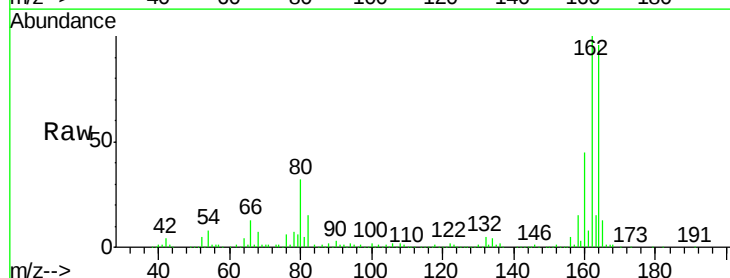


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

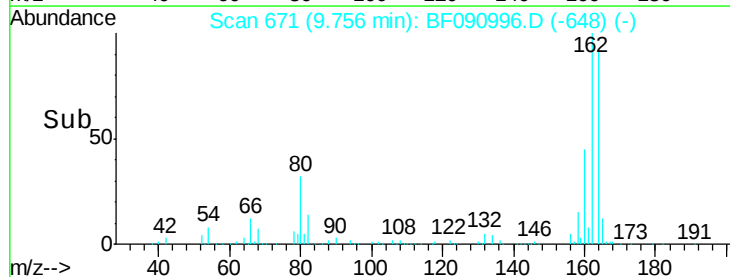
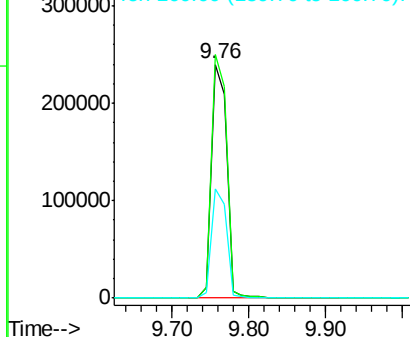


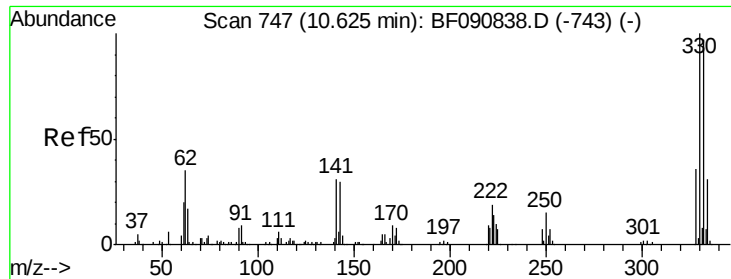
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF090996.D
Acq: 2 Nov 2016 22:45

Tgt Ion:164 Resp: 328690
Ion Ratio Lower Upper
164 100
162 104.1 75.2 112.8
160 46.5 31.5 47.3



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

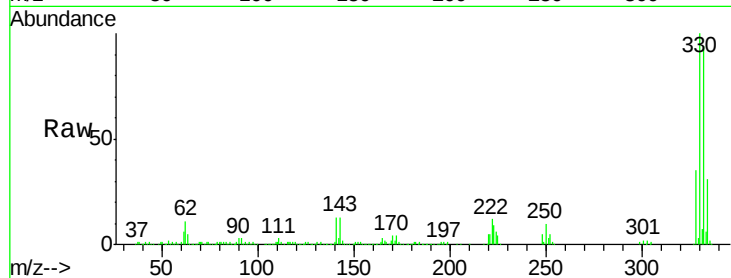




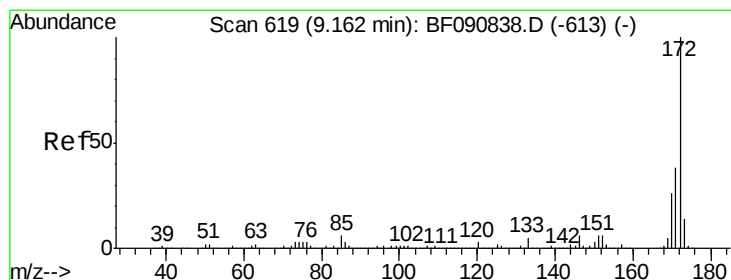
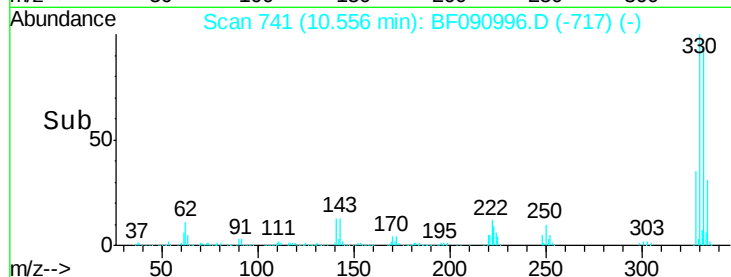
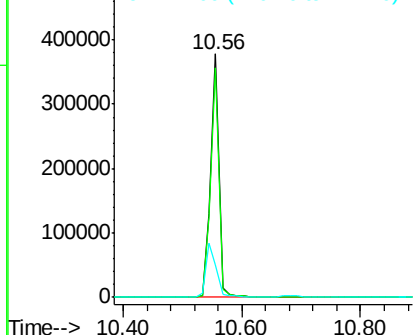
#41
 2,4,6-Tribromophenol
 Concen: 109.89 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090996.D
 Acq: 2 Nov 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Tgt Ion:330 Resp: 371196
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 114.8
 141 27.7 29.7 44.5#

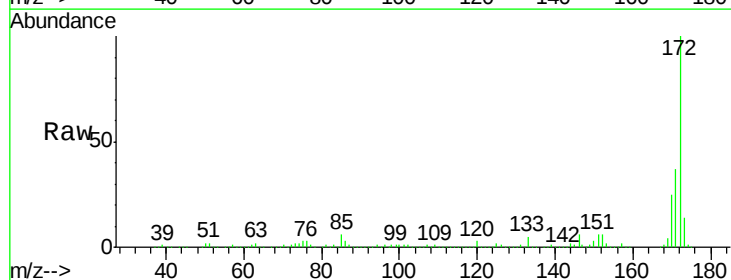


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

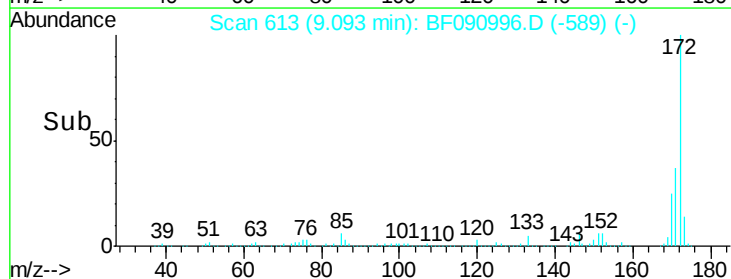
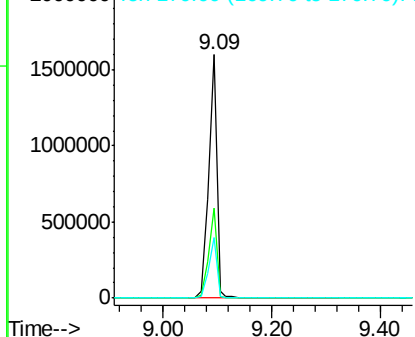


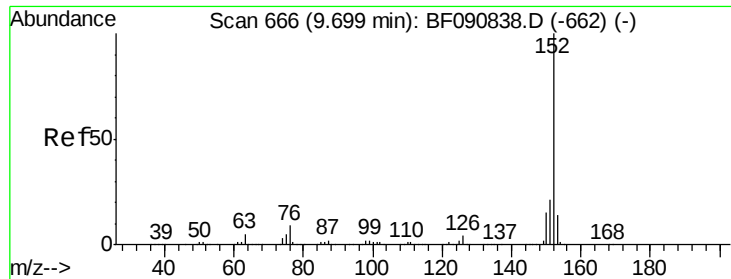
#44
 2-Fluorobiphenyl
 Concen: 88.08 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090996.D
 Acq: 2 Nov 2016 22:45

Tgt Ion:172 Resp: 1648653
 Ion Ratio Lower Upper
 172 100
 171 36.8 26.1 39.1
 170 24.9 17.4 26.2



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





#48

Acenaphthylene

Concen: 14.53 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF090996.D

Acq: 2 Nov 2016 22:45

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

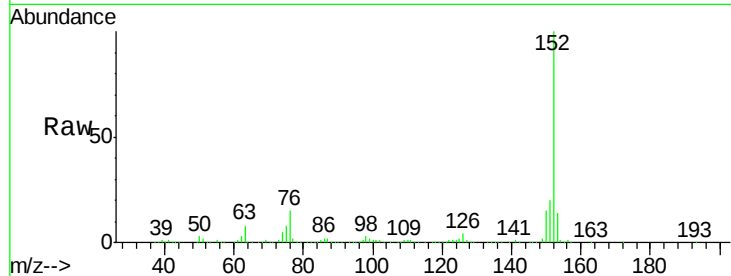
Tgt Ion:152 Resp: 396280

Ion Ratio Lower Upper

152 100

151 20.4 14.6 22.0

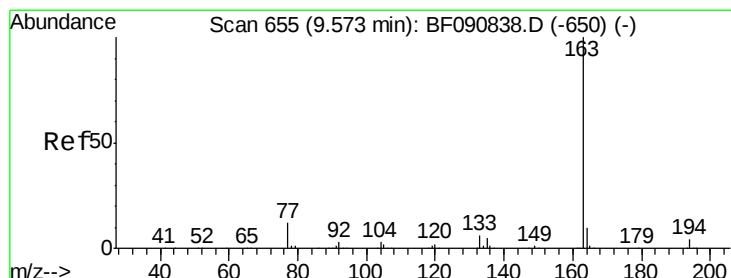
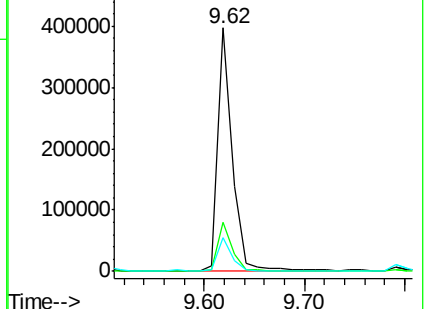
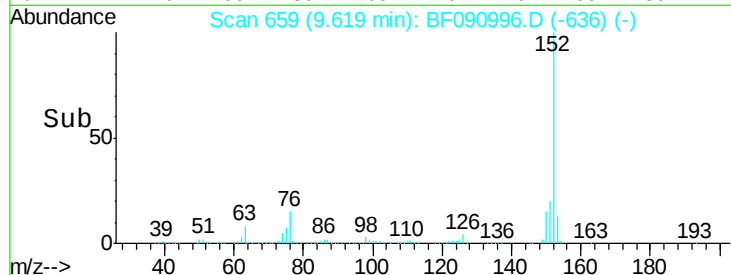
153 13.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 14.31 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.03 min

Lab File: BF090996.D

Acq: 2 Nov 2016 22:45

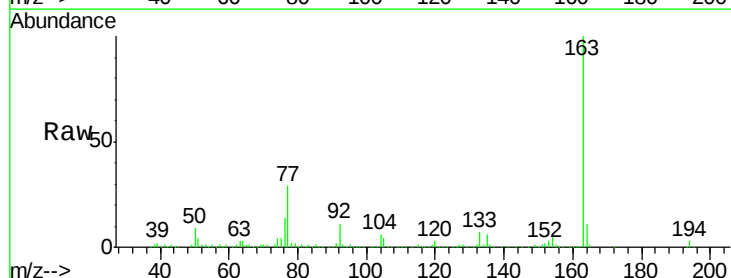
Tgt Ion:163 Resp: 314278

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

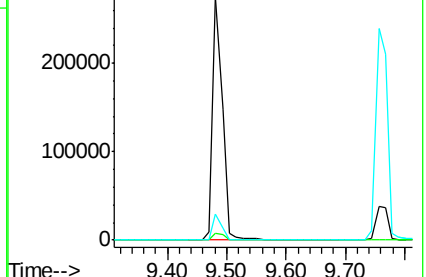
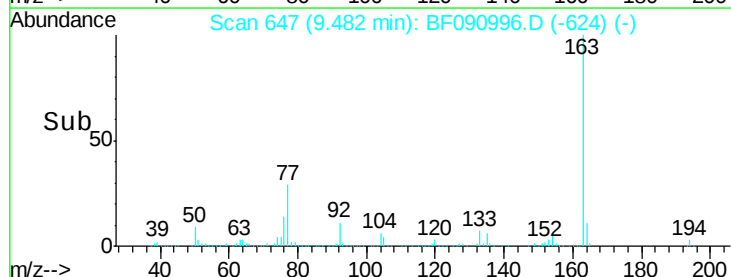
164 10.5 8.3 12.5

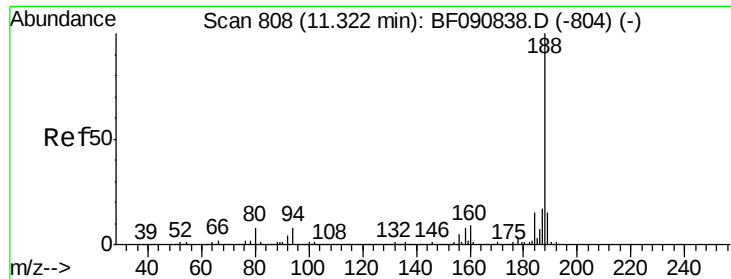


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

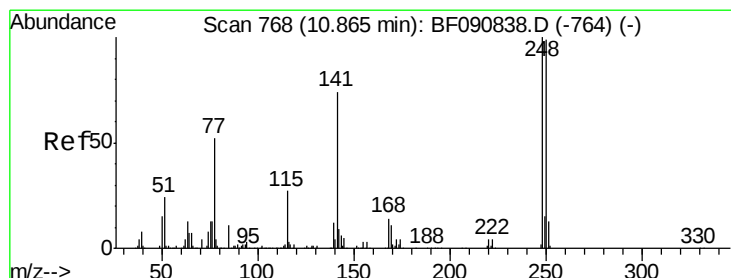
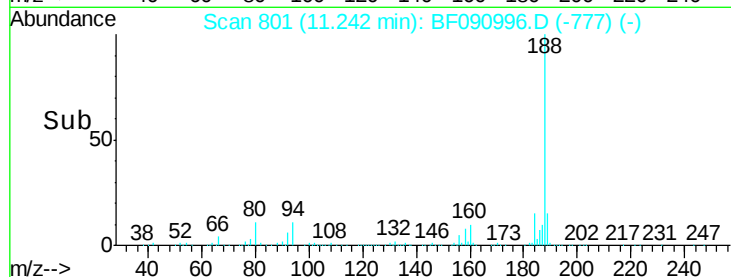
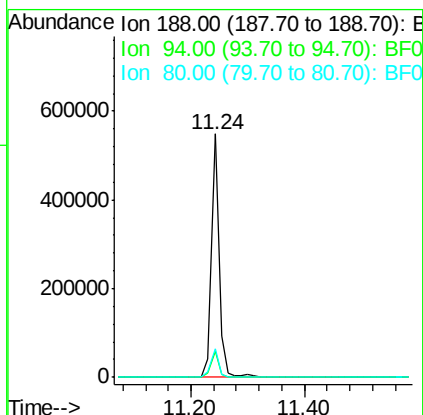
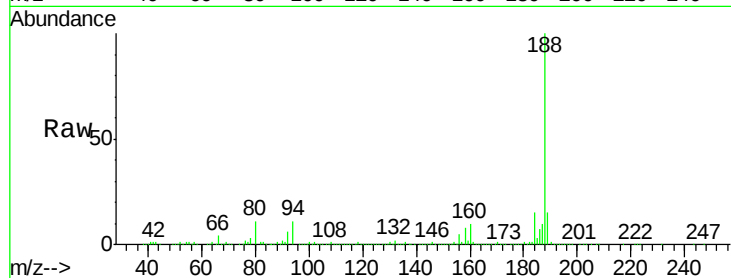




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF090996.D
 Acq: 2 Nov 2016 22:45

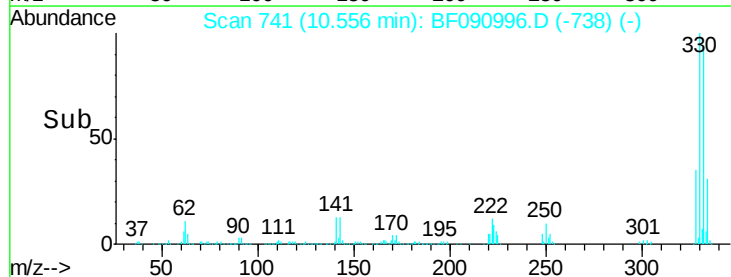
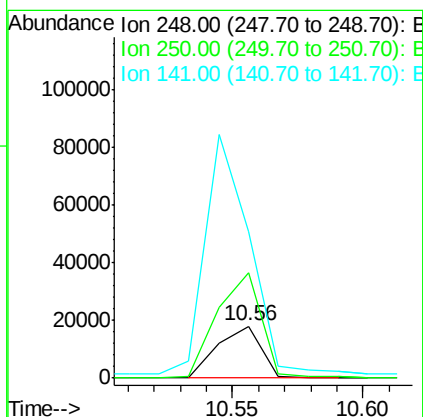
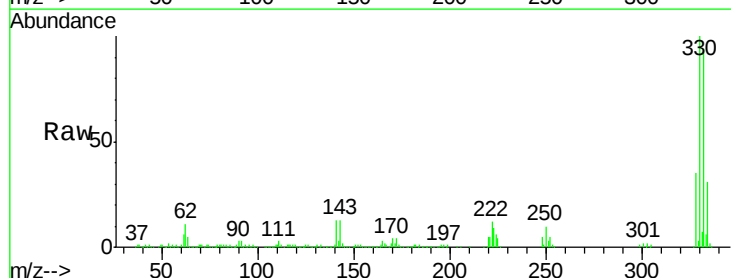
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

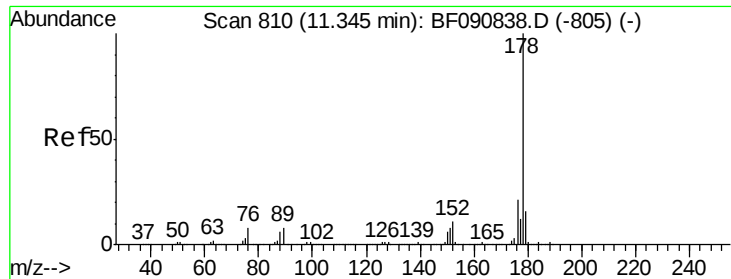
Tgt Ion:188 Resp: 495429
 Ion Ratio Lower Upper
 188 100
 94 10.7 11.1 16.7#
 80 11.5 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 3.90 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.26 min
 Lab File: BF090996.D
 Acq: 2 Nov 2016 22:45

Tgt Ion:248 Resp: 21178
 Ion Ratio Lower Upper
 248 100
 250 203.0 78.5 117.7#
 141 281.1 59.0 88.6#

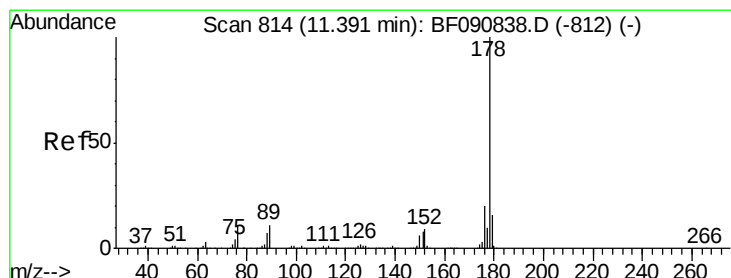
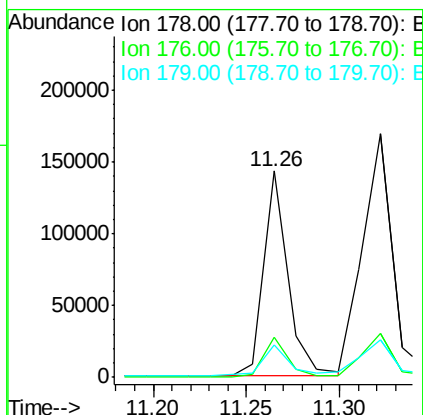
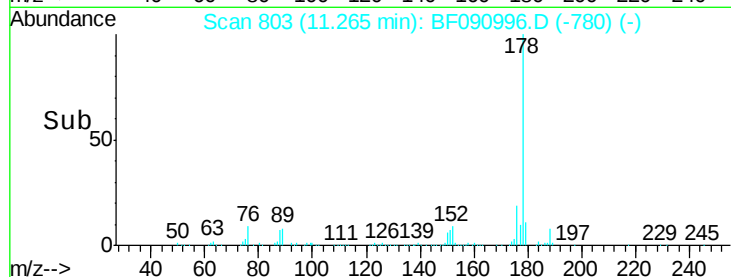
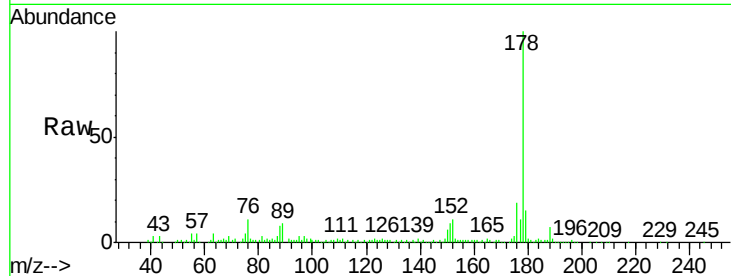




#70
Phenanthrene
Concen: 5.09 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF090996.D
Acq: 2 Nov 2016 22:45

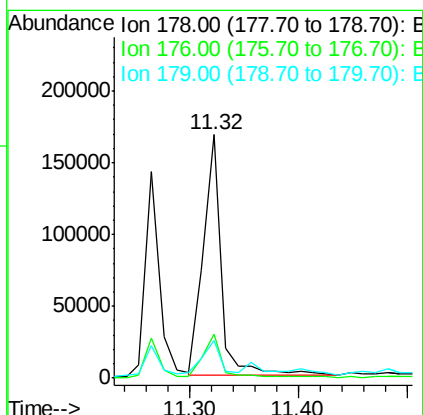
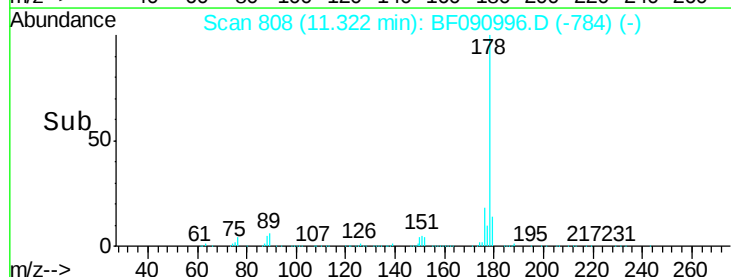
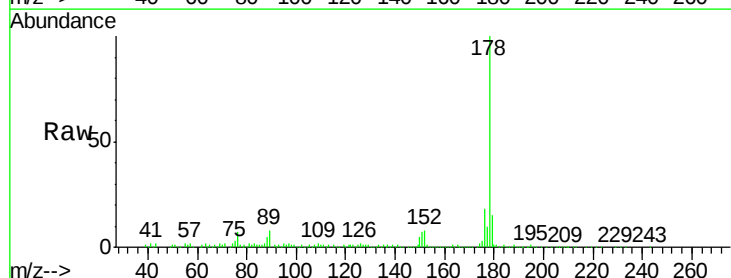
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

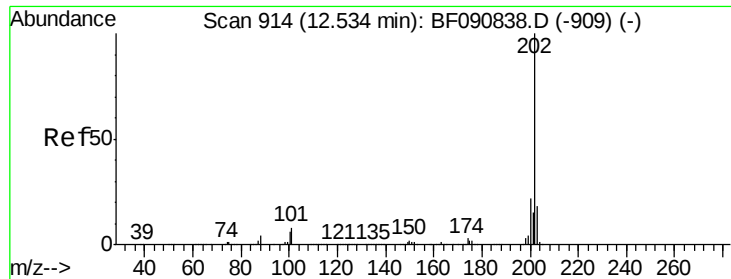
Tgt Ion:178 Resp: 128502
Ion Ratio Lower Upper
178 100
176 19.5 13.8 20.8
179 15.5 12.2 18.2



#71
Anthracene
Concen: 7.35 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF090996.D
Acq: 2 Nov 2016 22:45

Tgt Ion:178 Resp: 195378
Ion Ratio Lower Upper
178 100
176 18.0 14.1 21.1
179 15.3 12.2 18.2

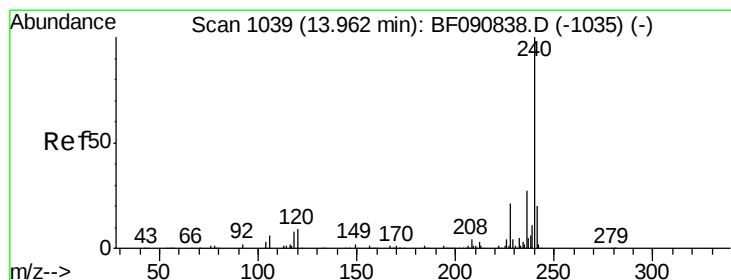
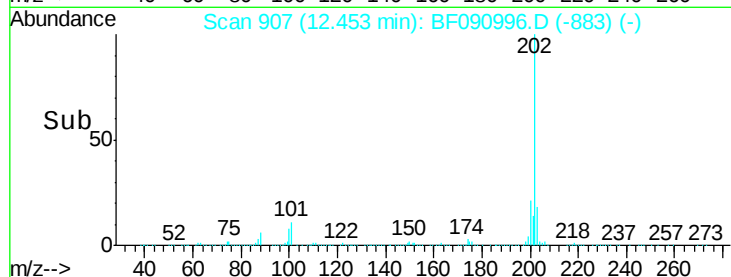
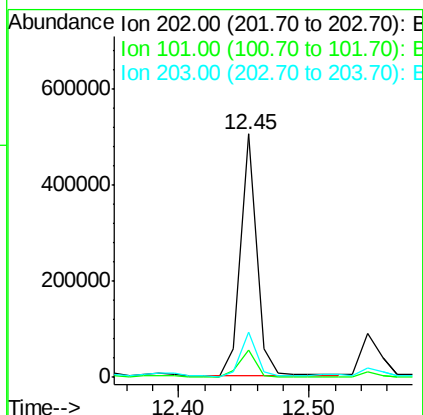
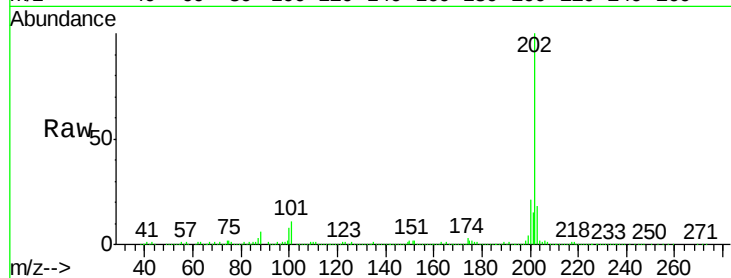




#74
 Fluoranthene
 Concen: 15.65 ng
 RT: 12.45 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF090996.D
 Acq: 2 Nov 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Tgt Ion:	202	Resp:	432509
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	38.3
203	18.4	0.0	37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF090996.D
 Acq: 2 Nov 2016 22:45

Tgt Ion:	240	Resp:	386708
Ion	Ratio	Lower	Upper
240	100		
120	11.3	16.2	24.2#
236	26.7	18.4	27.6

