

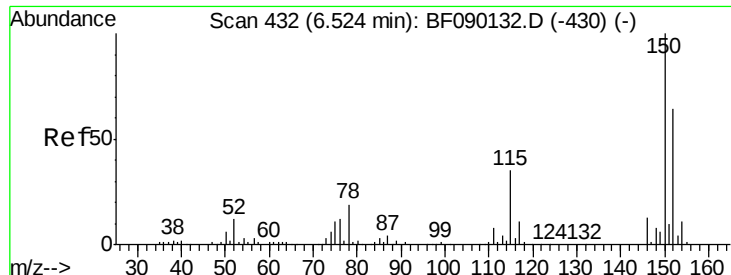
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090320.D
 Acq On : 30 Sep 2016 19:00
 Operator : UM/SJ
 Sample : H5023-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NON-TSCA-09272016

Quant Time: Sep 30 22:58:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	130562	20.00	ng	-0.03
21) Naphthalene-d8	7.74	136	498471	20.00	ng	-0.03
38) Acenaphthene-d10	9.48	164	263958	20.00	ng	-0.02
63) Phenanthrene-d10	10.95	188	333403	20.00	ng	-0.03
75) Chrysene-d12	13.57	240	260192	20.00	ng	-0.03
86) Perylene-d12	14.89	264	213935	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	825790	103.10	ng	-0.02
7) Phenol-d6	6.12	99	1177187	119.00	ng	-0.01
23) Nitrobenzene-d5	7.03	82	676131	78.63	ng	-0.03
41) 2,4,6-Tribromophenol	10.27	330	218332	96.41	ng	-0.02
44) 2-Fluorobiphenyl	8.82	172	977503	72.70	ng	-0.03
78) Terphenyl-d14	12.54	244	658194	64.22	ng	-0.02
Target Compounds						
9) Benzaldehyde	5.99	77	17220	3.99	ng	Qvalue 99
15) Benzyl Alcohol	6.60	79	19245	3.26	ng	# 39
46) 2-Chloronaphthalene	8.99	162	48277	3.47	ng	# 39
49) Dimethylphthalate	9.22	163	334271	19.88	ng	99
87) Benzo(b)fluoranthene	14.55	252	26732	2.26	ng	# 75
88) Benzo(k)fluoranthene	14.55	252	26732	2.40	ng	# 72

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF090320.D

Acq: 30 Sep 2016 19:00

Instrument :

BNA_F

ClientSampleId :

WC-NON-TSCA-09272016

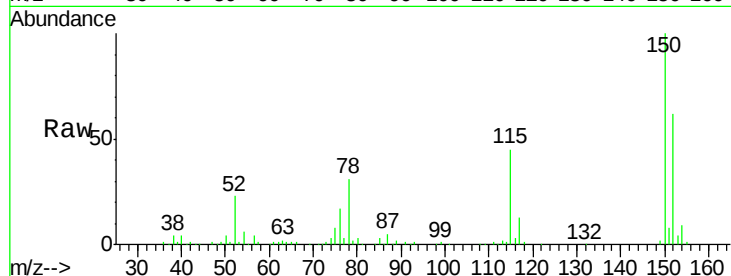
Tgt Ion:152 Resp: 130562

Ion Ratio Lower Upper

152 100

150 160.5 128.9 193.3

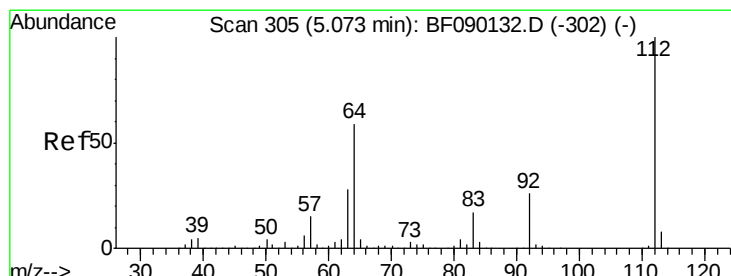
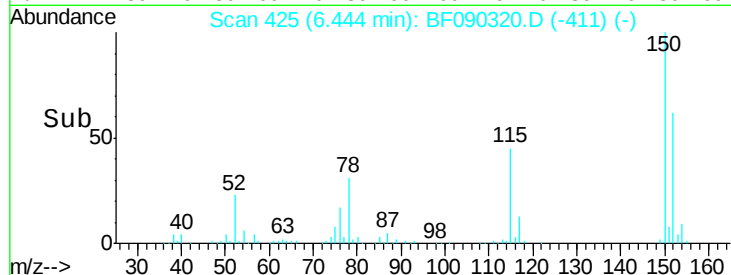
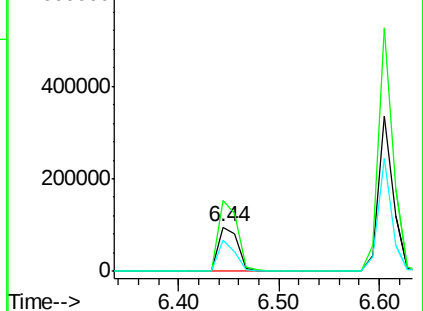
115 71.7 55.5 83.3



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: 103.10 ng

RT: 5.00 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF090320.D

Acq: 30 Sep 2016 19:00

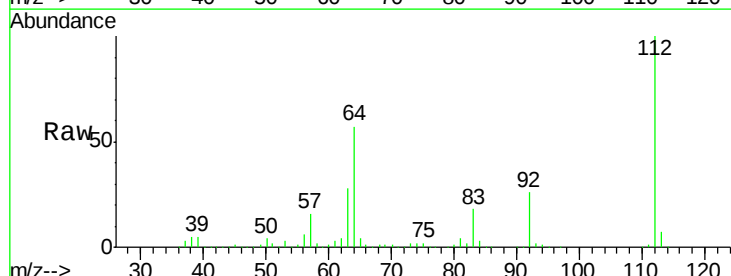
Tgt Ion:112 Resp: 825790

Ion Ratio Lower Upper

112 100

64 57.3 39.8 59.6

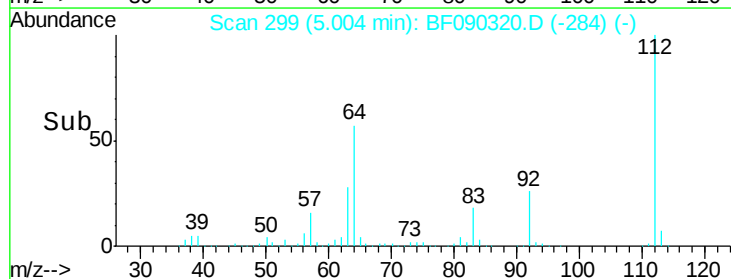
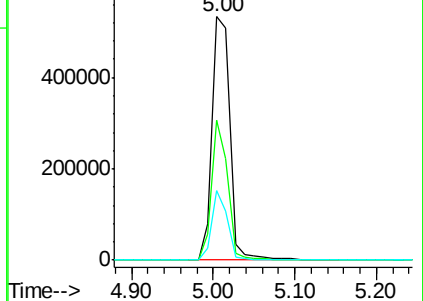
63 28.3 18.9 28.3#



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: 119.00 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090320.D

Acq: 30 Sep 2016 19:00

Instrument :

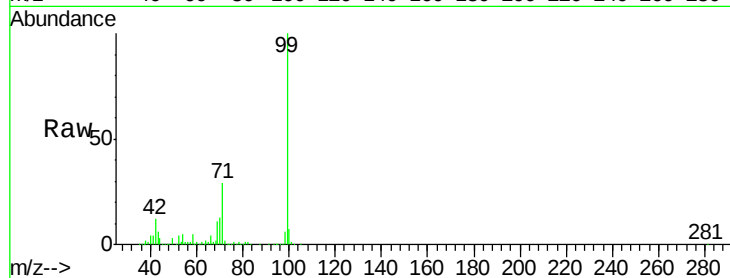
BNA_F

ClientSampleId :

WC-NON-TSCA-09272016

Tgt Ion: 99 Resp: 1177187

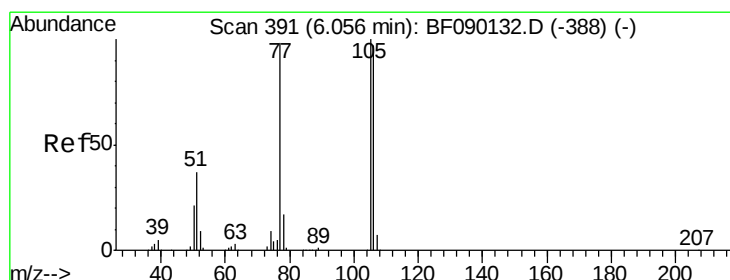
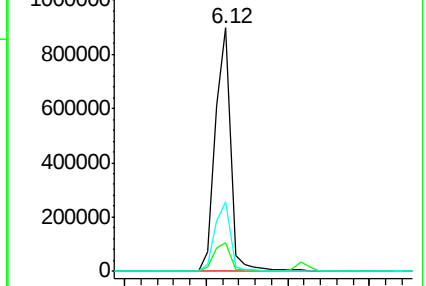
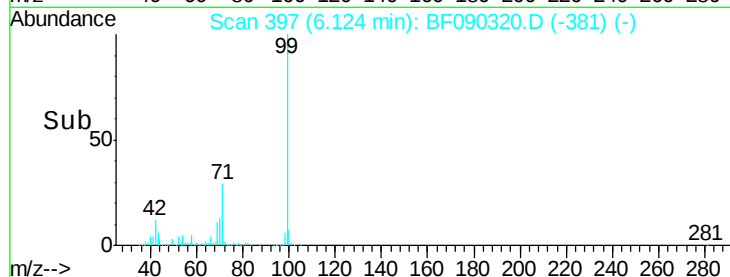
Ion	Ratio	Lower	Upper
99	100		
42	11.8	10.6	15.8
71	28.7	23.0	34.6



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: 3.99 ng

RT: 5.99 min Scan# 385

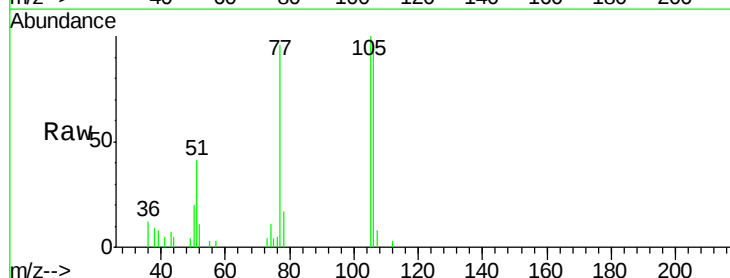
Delta R.T. -0.02 min

Lab File: BF090320.D

Acq: 30 Sep 2016 19:00

Tgt Ion: 77 Resp: 17220

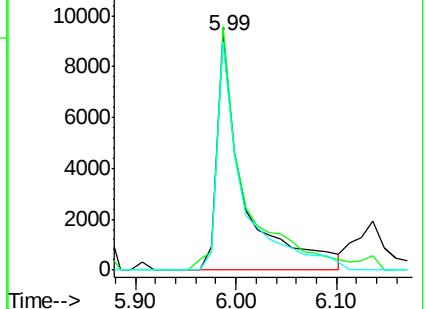
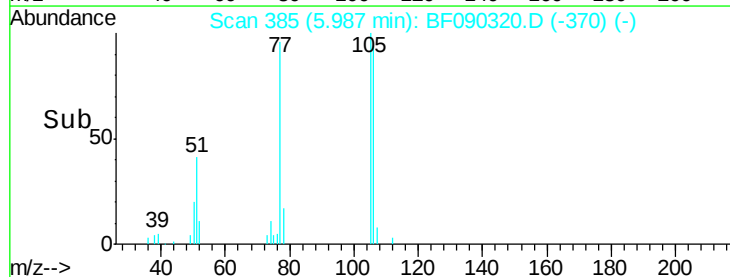
Ion	Ratio	Lower	Upper
77	100		
105	103.9	83.0	123.0
106	97.5	78.5	118.5

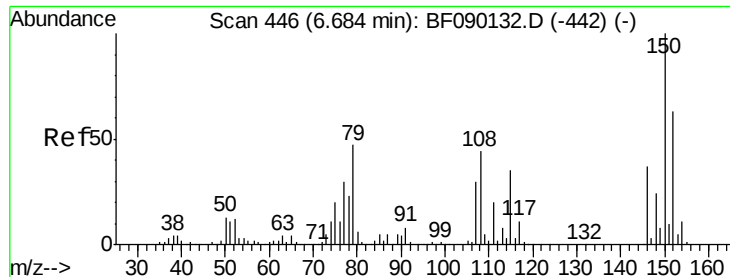


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

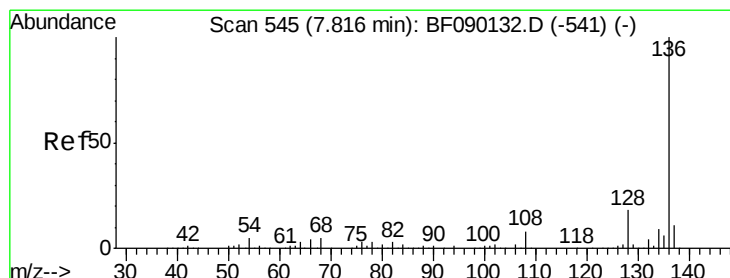
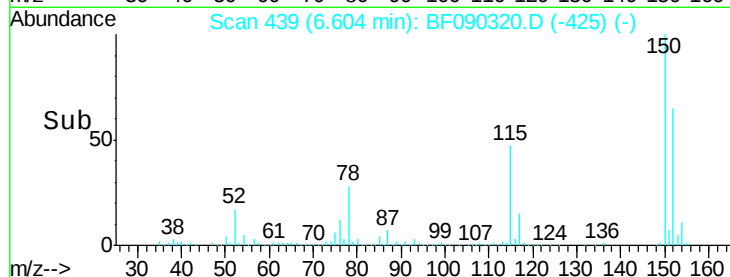
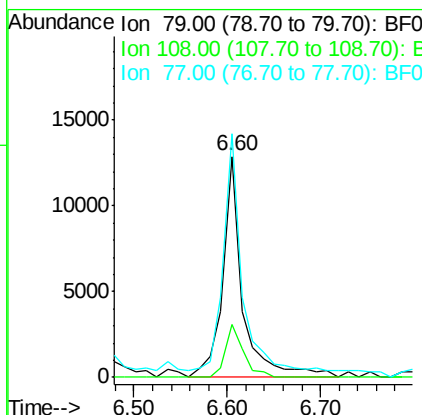
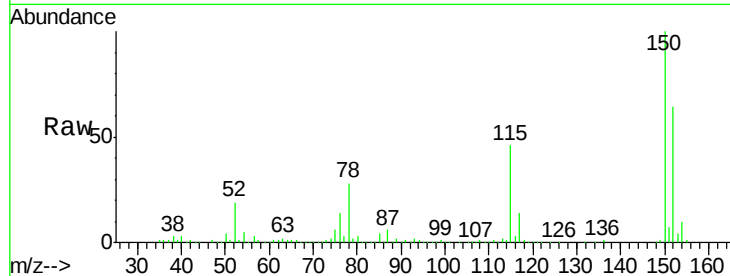




#15
Benzyl Alcohol
Concen: 3.26 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF090320.D
Acq: 30 Sep 2016 19:00

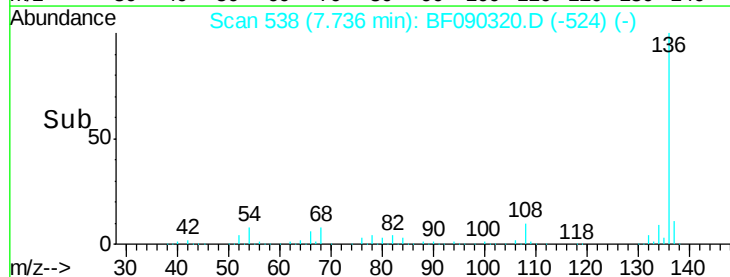
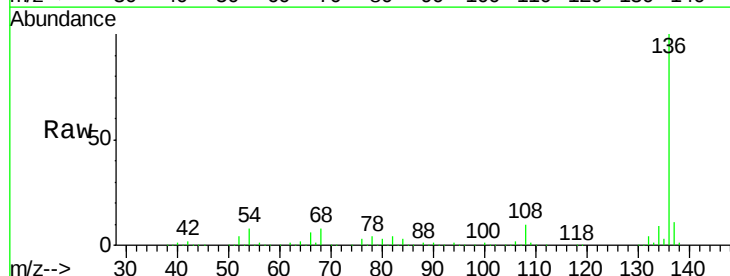
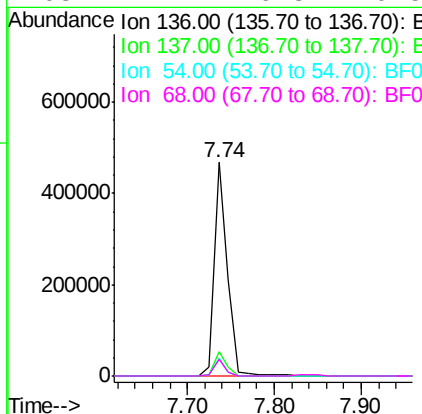
Instrument :
BNA_F
ClientSampleId :
WC-NON-TSCA-09272016

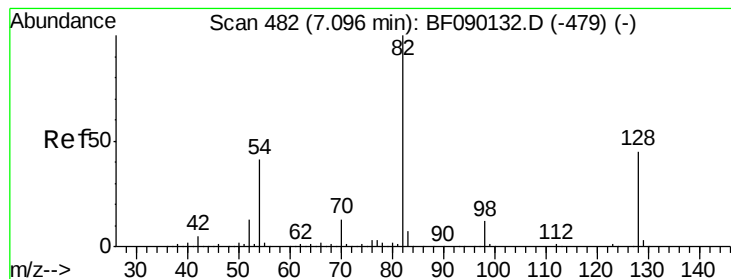
Tgt Ion: 79 Resp: 19245
Ion Ratio Lower Upper
79 100
108 23.8 62.2 93.4#
77 110.2 51.4 77.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.03 min
Lab File: BF090320.D
Acq: 30 Sep 2016 19:00

Tgt Ion: 136 Resp: 498471
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.3 6.4 9.6
68 7.7 6.3 9.5





#23

Nitrobenzene-d5

Concen: 78.63 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.03 min

Lab File: BF090320.D

Acq: 30 Sep 2016 19:00

Instrument :

BNA_F

ClientSampleId :

WC-NON-TSCA-09272016

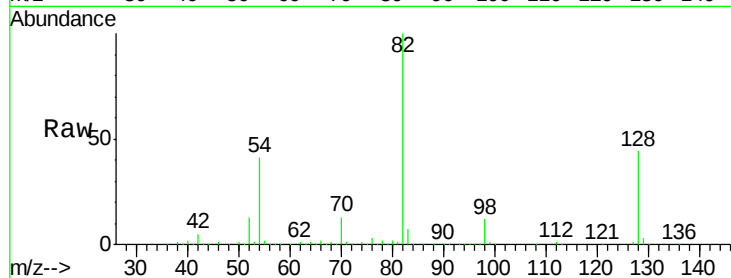
Tgt Ion: 82 Resp: 676131

Ion Ratio Lower Upper

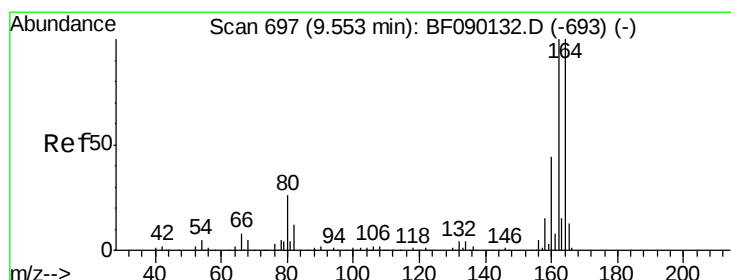
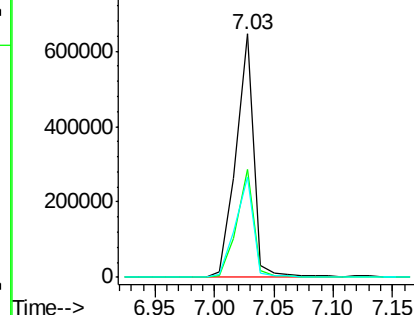
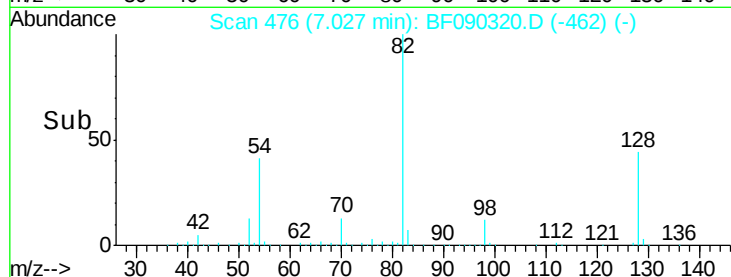
82 100

128 44.3 37.5 56.3

54 41.4 31.9 47.9



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: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF090320.D

Acq: 30 Sep 2016 19:00

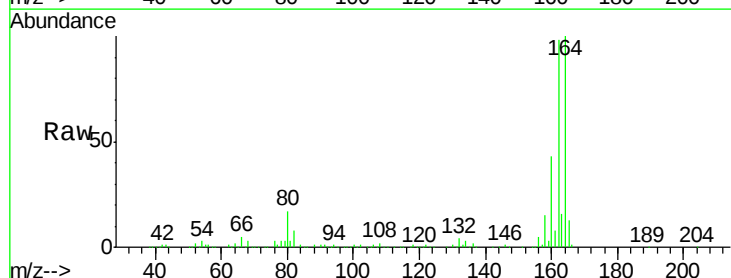
Tgt Ion: 164 Resp: 263958

Ion Ratio Lower Upper

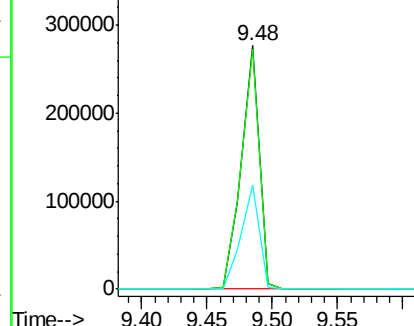
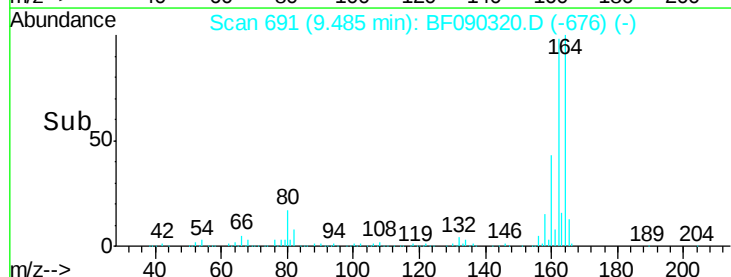
164 100

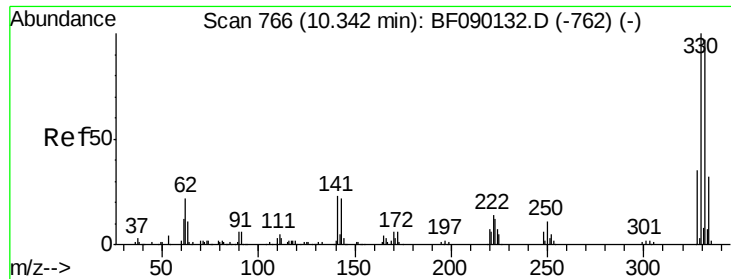
162 98.2 81.4 122.2

160 42.9 36.6 54.8



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

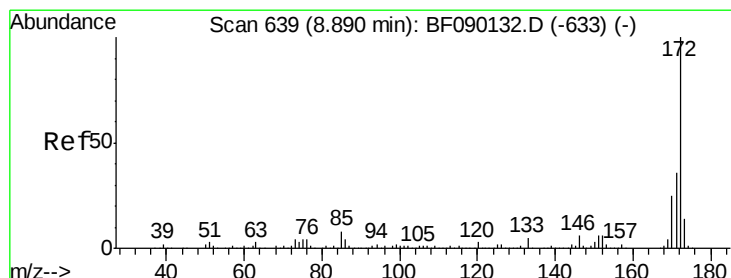
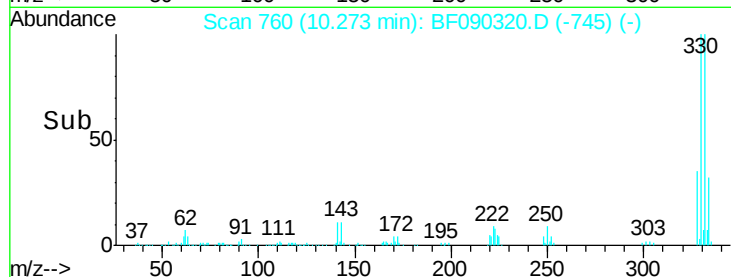
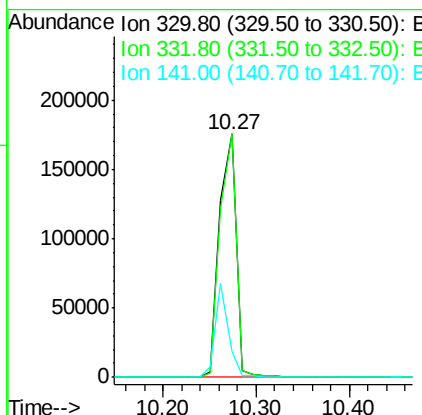
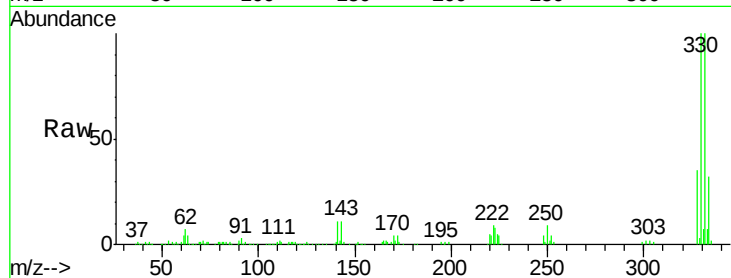




#41
 2,4,6-Tribromophenol
 Concen: 96.41 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF090320.D
 Acq: 30 Sep 2016 19:00

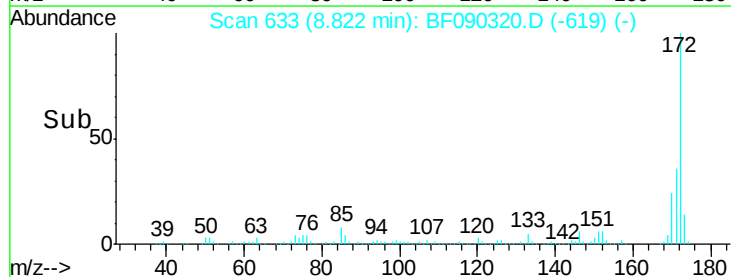
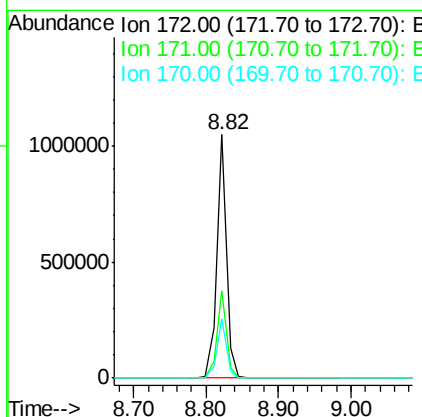
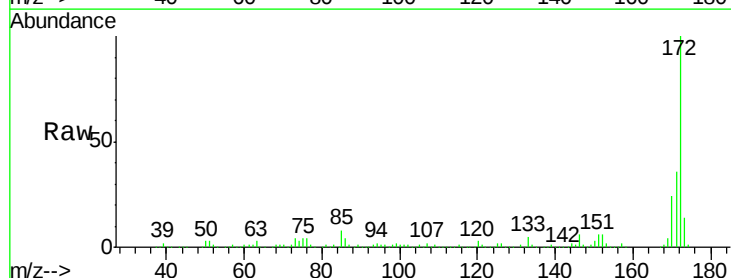
Instrument :
 BNA_F
 ClientSampleId :
 WC-NON-TSCA-09272016

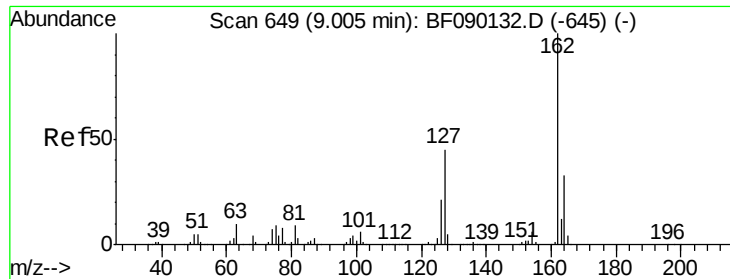
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.1	117.1
141	31.1	23.9	35.9



#44
 2-Fluorobiphenyl
 Concen: 72.70 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.03 min
 Lab File: BF090320.D
 Acq: 30 Sep 2016 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.4	19.8	29.8

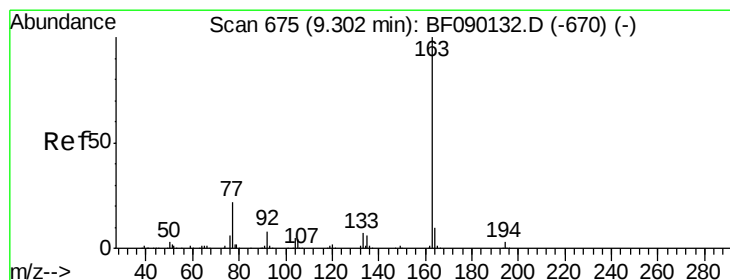
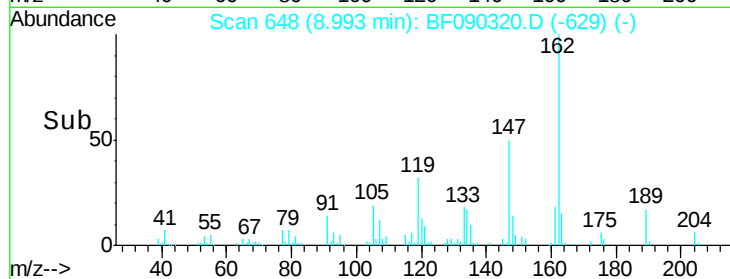
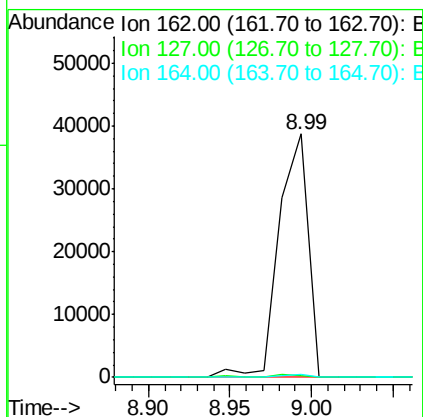
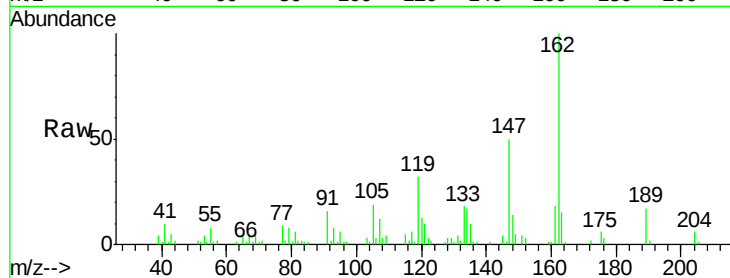




#46
 2-Chloronaphthalene
 Concen: 3.47 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.02 min
 Lab File: BF090320.D
 Acq: 30 Sep 2016 19:00

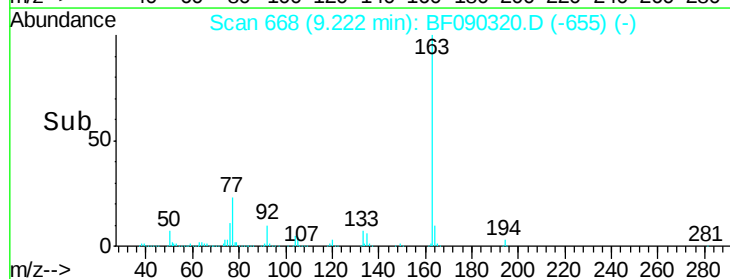
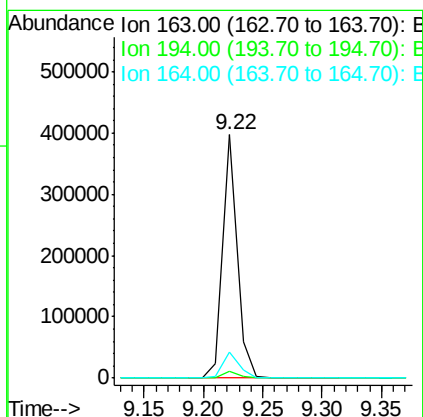
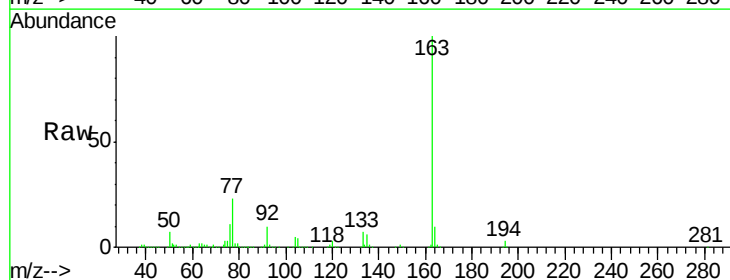
Instrument :
 BNA_F
 ClientSampleId :
 WC-NON-TSCA-09272016

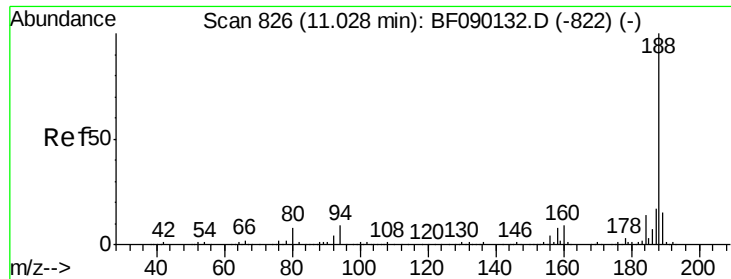
Tgt Ion:162 Resp: 48277
 Ion Ratio Lower Upper
 162 100
 127 0.8 34.0 51.0#
 164 1.5 26.8 40.2#



#49
 Dimethylphthalate
 Concen: 19.88 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.05 min
 Lab File: BF090320.D
 Acq: 30 Sep 2016 19:00

Tgt Ion:163 Resp: 334271
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.8 4.2
 164 10.5 8.1 12.1

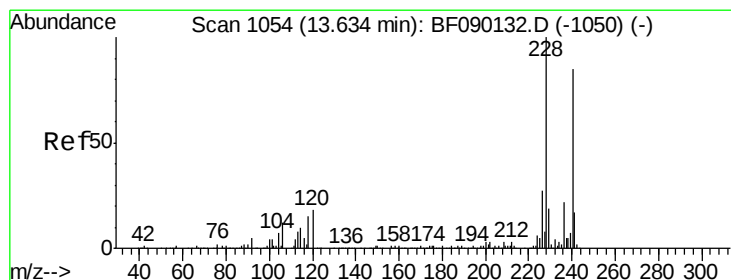
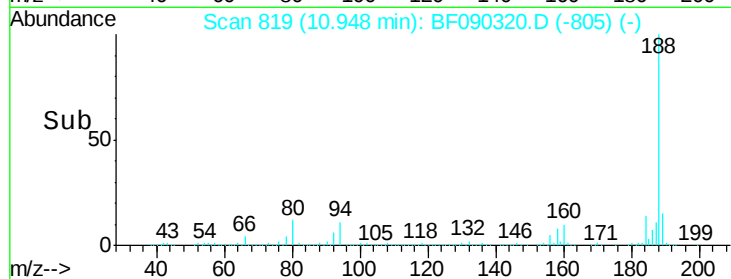
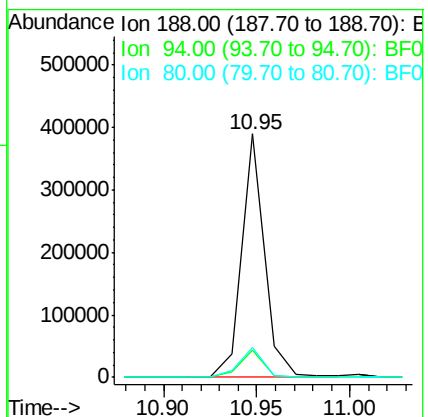
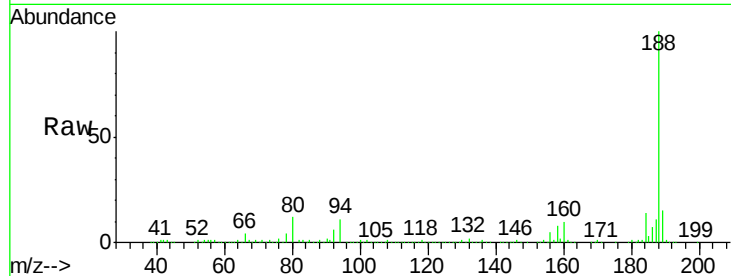




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.03 min
Lab File: BF090320.D
Acq: 30 Sep 2016 19:00

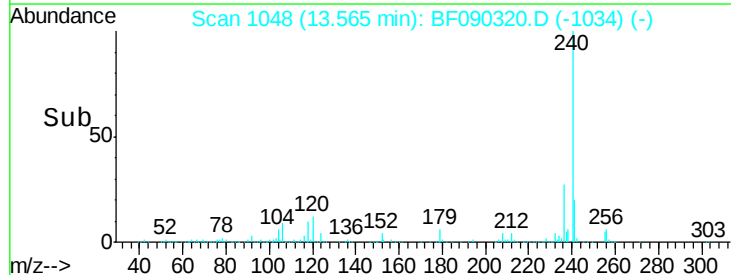
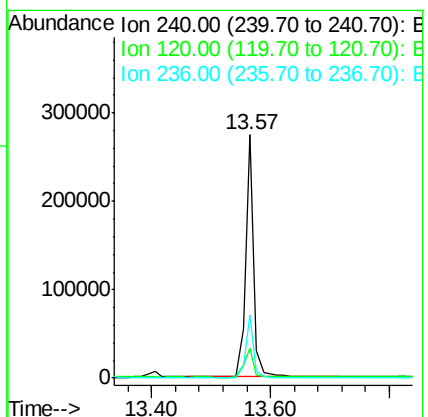
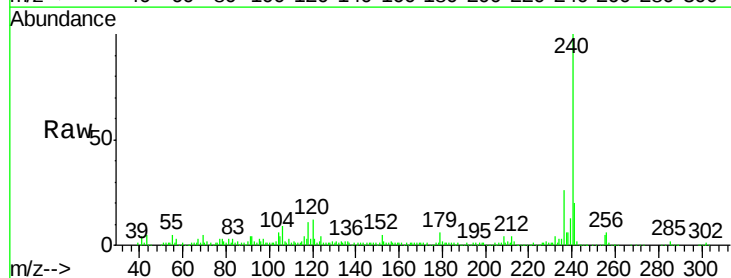
Instrument :
BNA_F
ClientSampleId :
WC-NON-TSCA-09272016

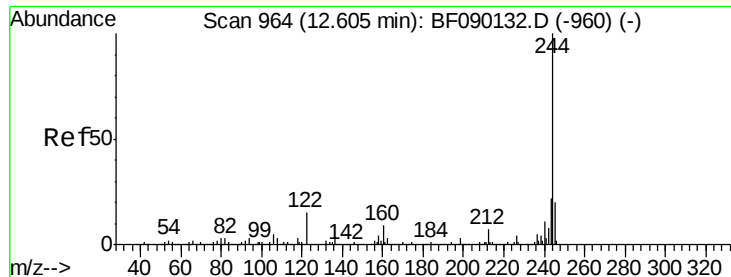
Tgt Ion:188 Resp: 333403
Ion Ratio Lower Upper
188 100
94 11.4 10.5 15.7
80 12.0 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BF090320.D
Acq: 30 Sep 2016 19:00

Tgt Ion:240 Resp: 260192
Ion Ratio Lower Upper
240 100
120 12.3 10.6 16.0
236 25.9 21.6 32.4





#78

Terphenyl-d14

Concen: 64.22 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF090320.D

Acq: 30 Sep 2016 19:00

Instrument :

BNA_F

ClientSampleId :

WC-NON-TSCA-09272016

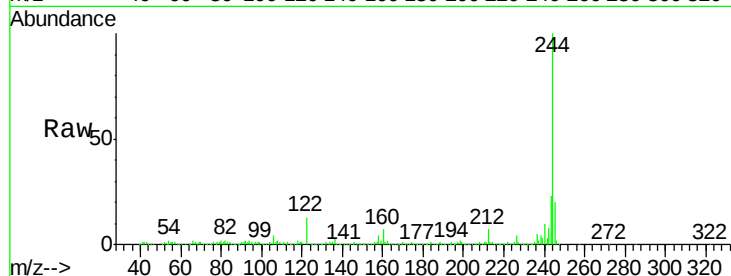
Tgt Ion:244 Resp: 658194

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 12.9 9.4 14.0

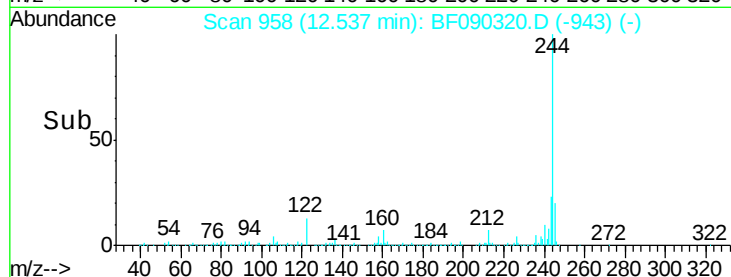


Abundance Ion 244.00 (243.70 to 244.70): E

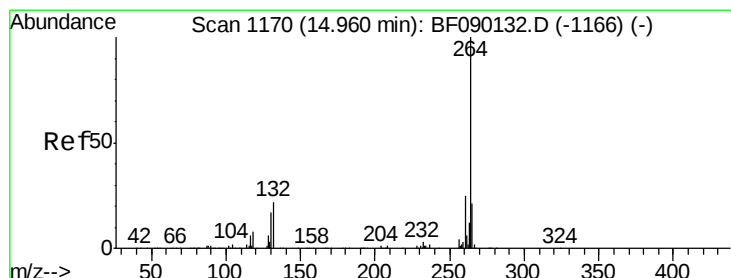
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.54



Time--> 12.40 12.50 12.60 12.70



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.89 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF090320.D

Acq: 30 Sep 2016 19:00

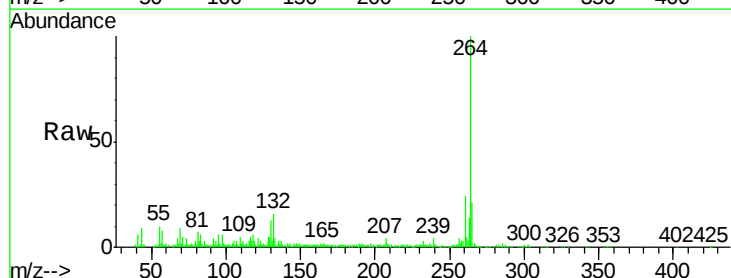
Tgt Ion:264 Resp: 213935

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.4 17.0 25.4

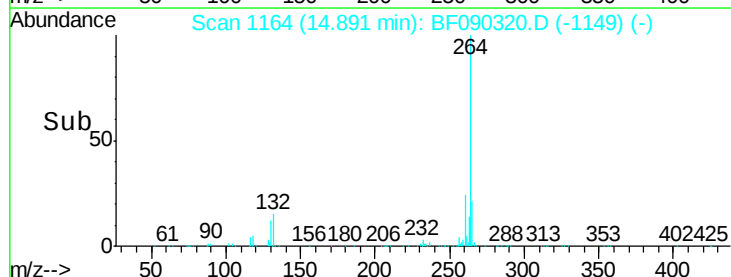


Abundance Ion 264.00 (263.70 to 264.70): E

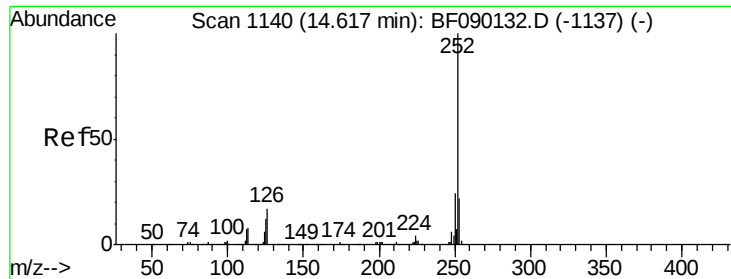
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

14.89



Time--> 14.80 14.90 15.00



#87

Benzo(b)fluoranthene

Concen: 2.26 ng

RT: 14.55 min Scan# 1134

Delta R.T. -0.02 min

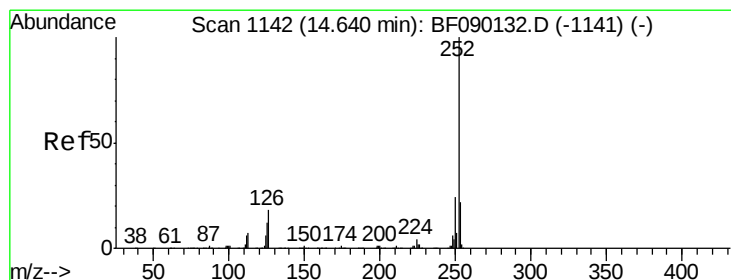
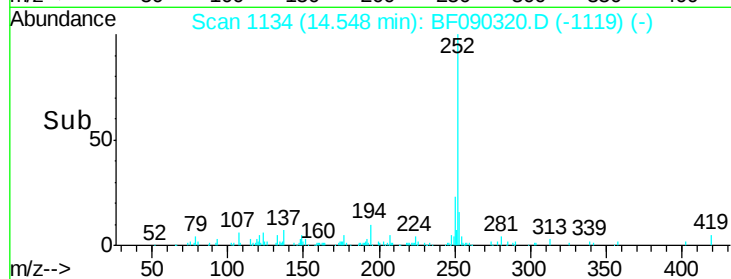
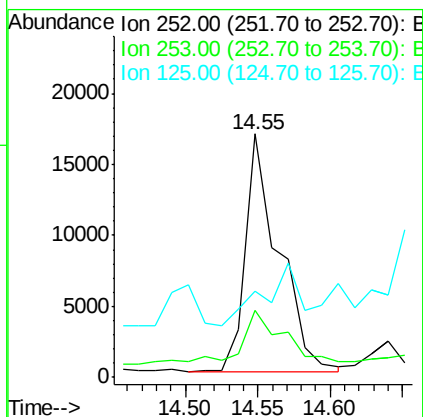
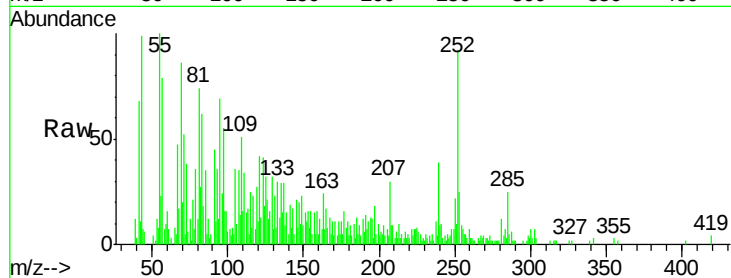
Lab File: BF090320.D

Acq: 30 Sep 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WC-NON-TSCA-09272016

Tgt Ion: 252 Resp: 26732

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.9	26.9#
125	35.2	12.7	19.1#



#88

Benzo(k)fluoranthene

Concen: 2.40 ng

RT: 14.55 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BF090320.D

Acq: 30 Sep 2016 19:00

Tgt Ion: 252 Resp: 26732

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.8	26.8#
125	35.2	7.8	11.6#

