

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097902.D
 Acq On : 21 Aug 2017 13:13
 Operator : SJ/JU
 Sample : I4849-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-002

Quant Time: Aug 22 01:08:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

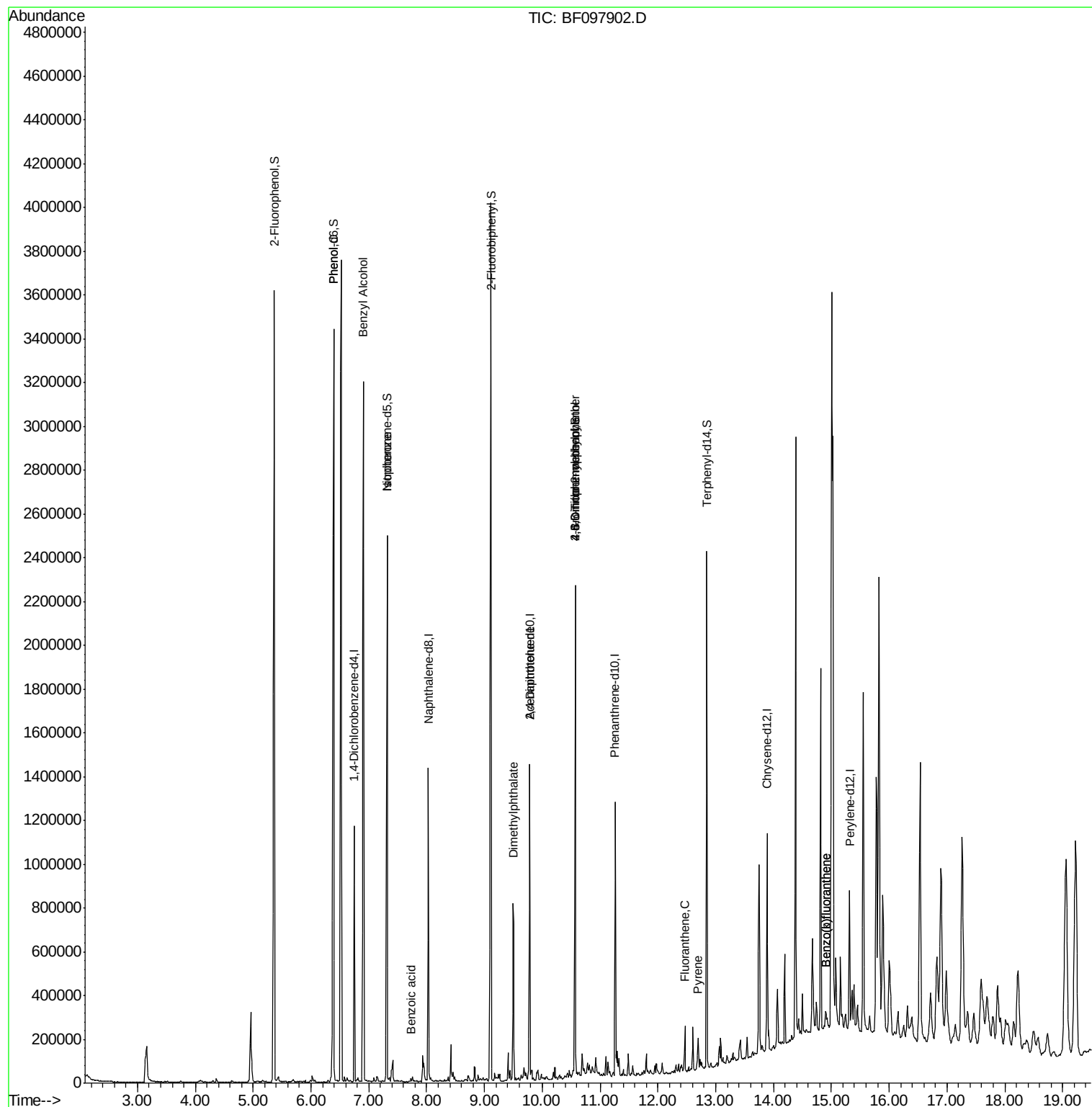
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	150922	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	589782	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	250632	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	404270	20.00	ng	0.00
75) Chrysene-d12	13.89	240	309117	20.00	ng	0.00
86) Perylene-d12	15.32	264	283291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1184359	119.37	ng	0.01
7) Phenol-d6	6.39	99	1610988	119.50	ng	0.00
23) Nitrobenzene-d5	7.32	82	1014019	93.40	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	259842	119.49	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1300015	76.21	ng	0.00
78) Terphenyl-d14	12.85	244	769411	51.91	ng	0.00
Target Compounds						
10) Phenol	6.40	94	39571	2.51	ng	99
15) Benzyl Alcohol	6.90	79	20507	2.03	ng	# 29
25) Isophorone	7.32	82	1007779	44.64	ng	# 67
32) Benzoic acid	7.73	122	2265	6.69	ng	88
49) Dimethylphthalate	9.50	163	292014	15.94	ng	99
56) 2,4-Dinitrotoluene	9.78	165	31138	6.78	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.57	198	475	8.53	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	17032	4.06	ng	# 1
74) Fluoranthene	12.47	202	69172	3.08	ng	99
77) Pyrene	12.69	202	56305	2.23	ng	97
87) Benzo(b)fluoranthene	14.90	252	58148	3.26	ng	# 91
88) Benzo(k)fluoranthene	14.90	252	58148	3.47	ng	# 95

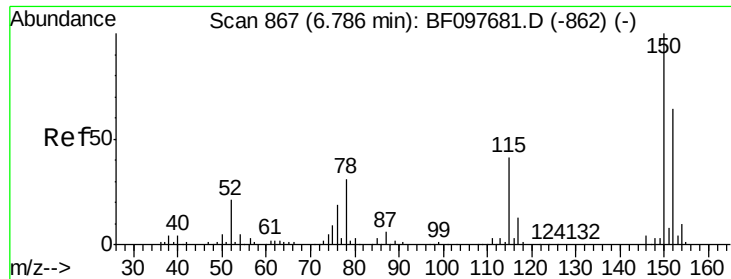
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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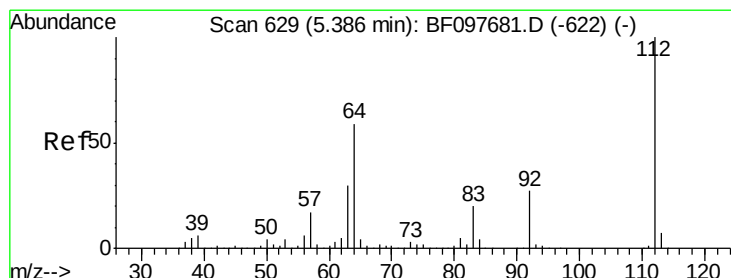
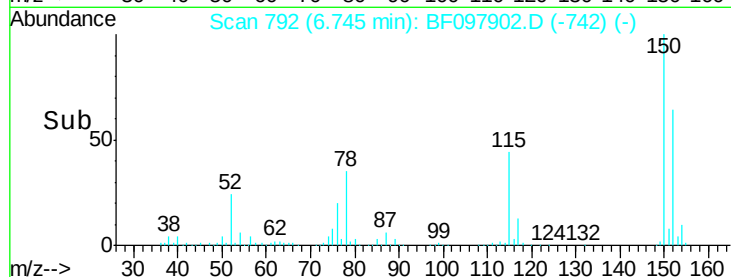
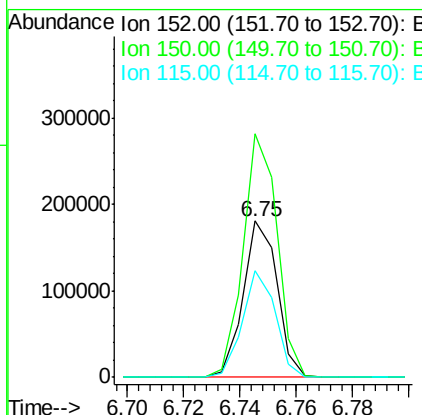
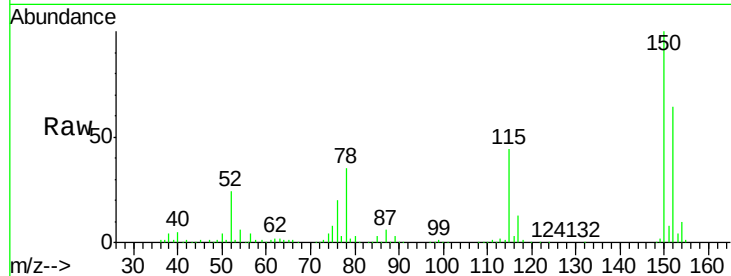


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-002

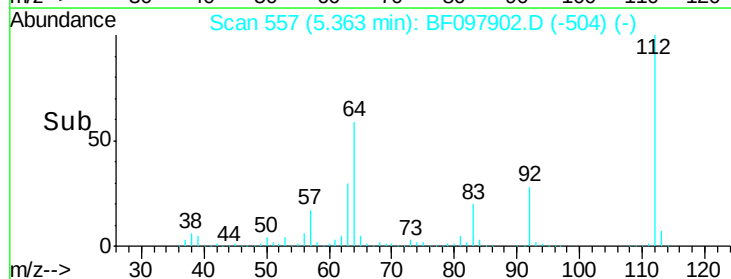
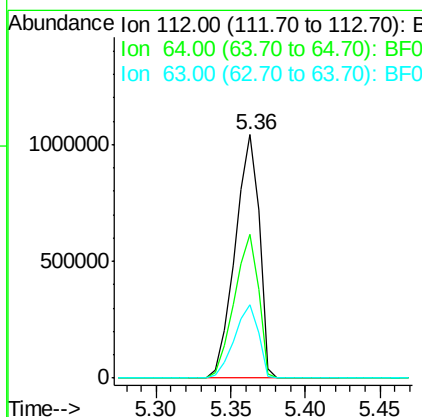
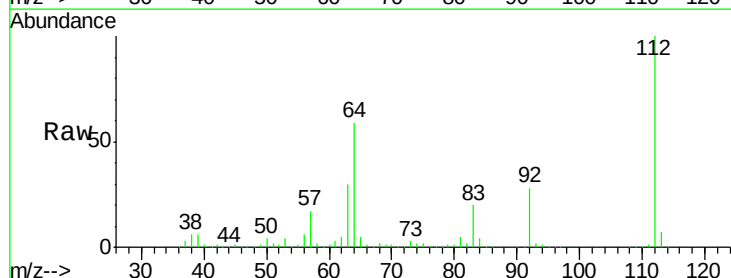
Tot Ion:152 Resp: 150922
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 67.8 52.2 78.2

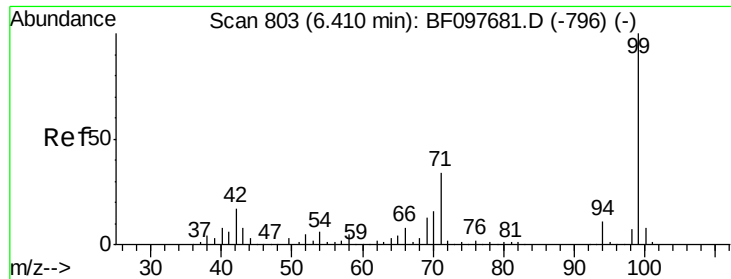


#5

2-Fluorophenol
Concen: 119.37 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Tgt Ion:112 Resp: 1184359
Ion Ratio Lower Upper
112 100
64 59.2 46.0 69.0
63 30.2 23.4 35.0





#7

Phenol-d6

Concen: 119.50 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

Instrument :

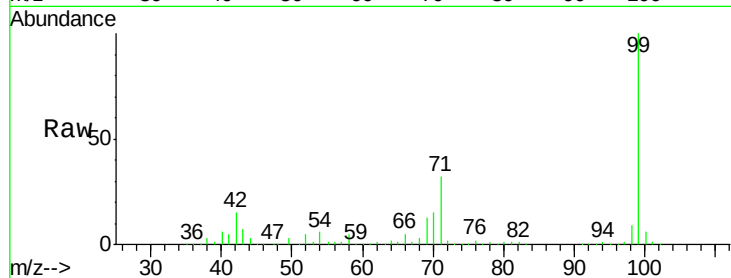
BNA_F

ClientSampleId :

CAPTAINSCOVE-WC-002

Tot Ion: 99 Resp: 1610988

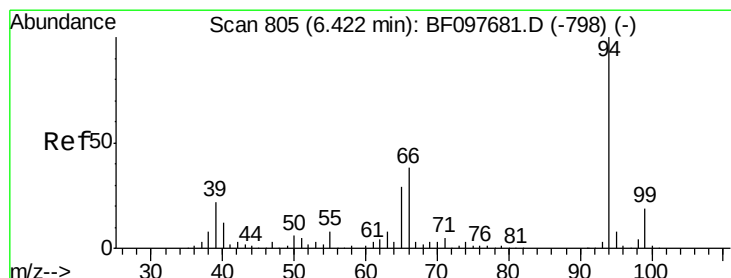
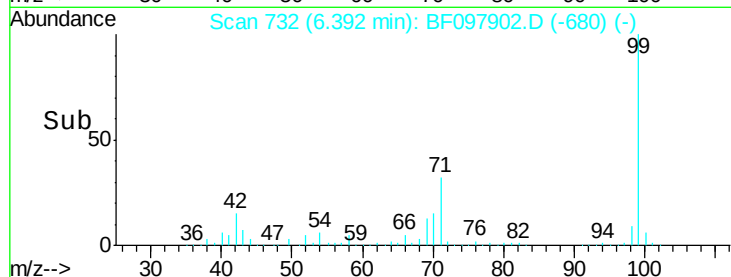
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	32.4	24.5	36.7



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: 2.51 ng

RT: 6.40 min Scan# 733

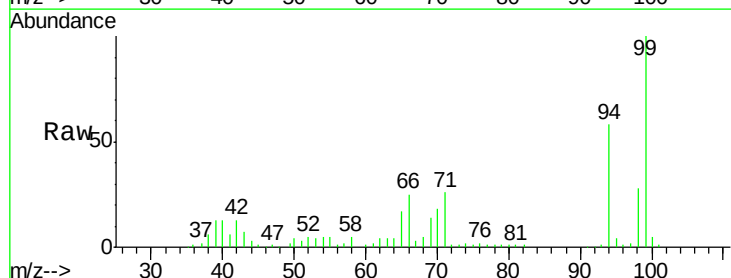
Delta R.T. -0.00 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

Tgt Ion: 94 Resp: 39571

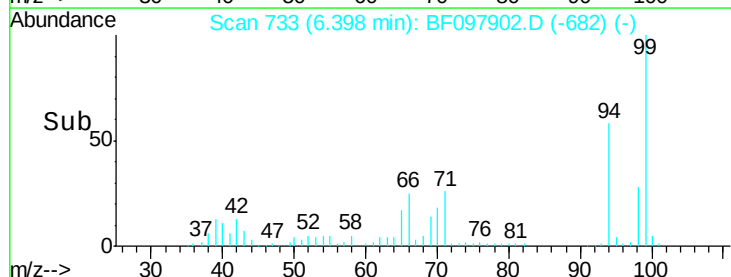
Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.9	49.9
66	42.4	23.1	63.1

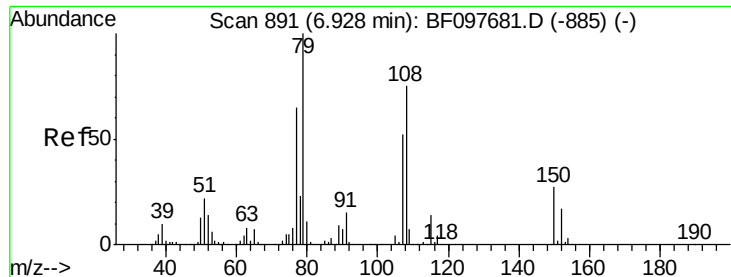


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

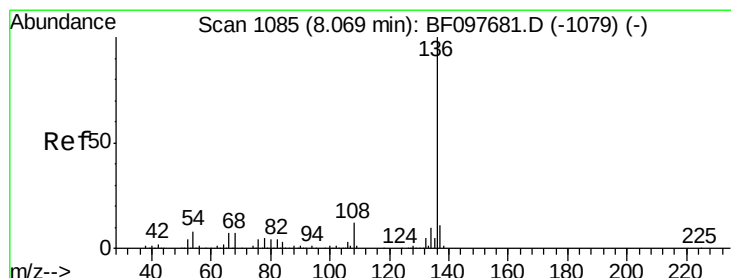
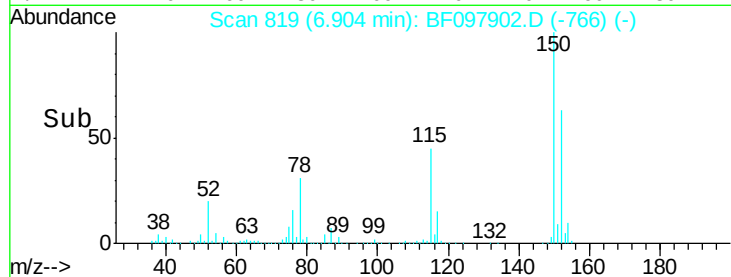
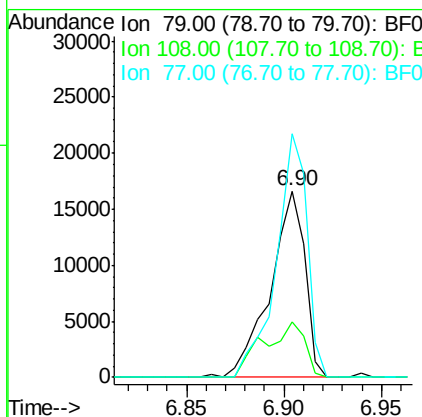
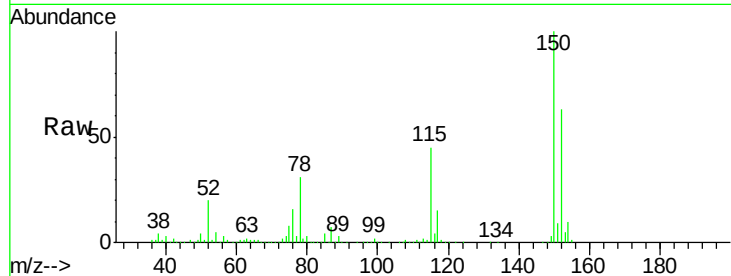




#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

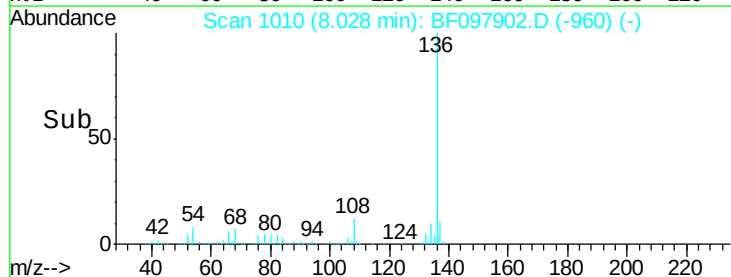
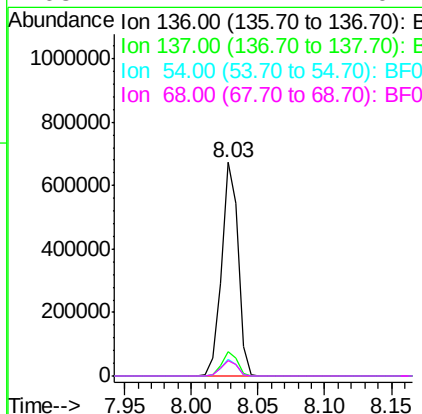
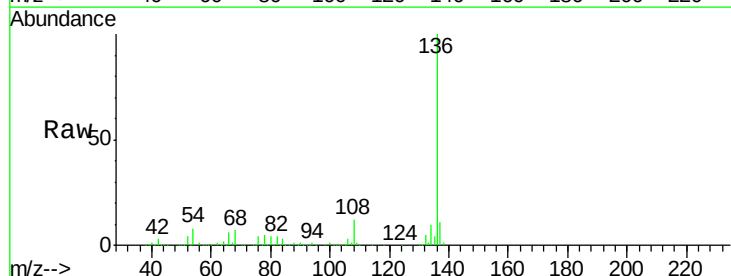
Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-002

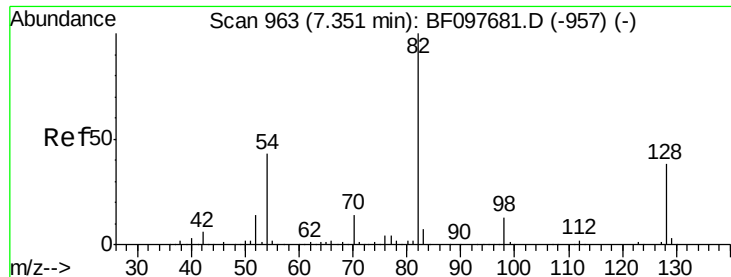
Tot Ion: 79 Resp: 20507
Ion Ratio Lower Upper
79 100
108 29.8 63.4 95.0#
77 130.5 49.2 73.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Tgt Ion: 136 Resp: 589782
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 8.0 4.9 7.3#
68 7.4 4.1 6.1#

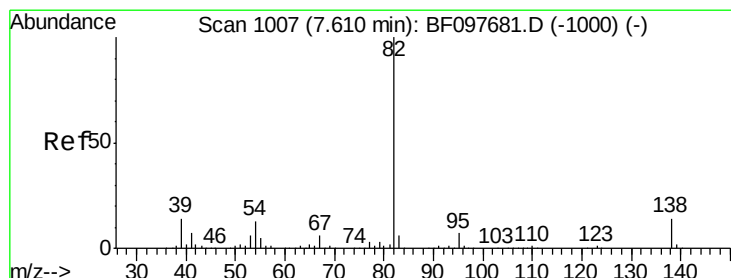
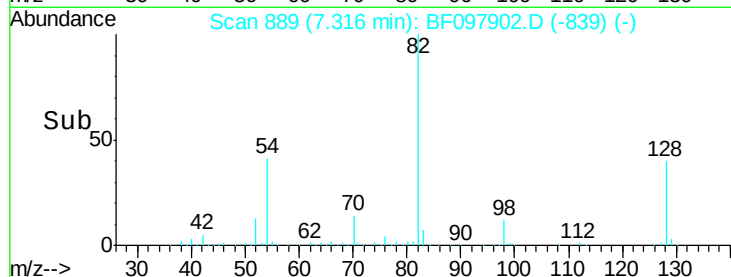
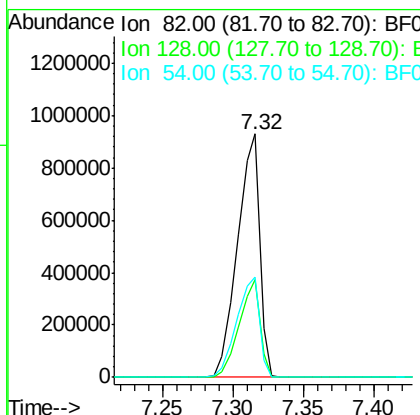
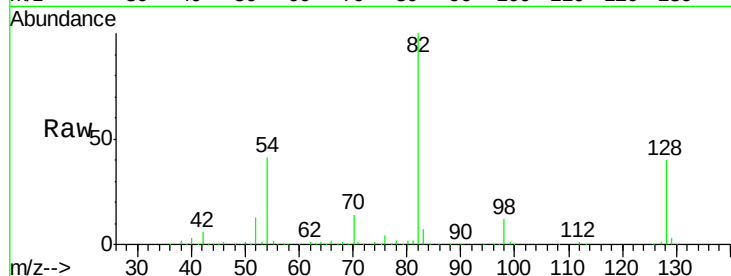




#23
 Nitrobenzene-d5
 Concen: 93.40 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097902.D
 Acq: 21 Aug 2017 13:13

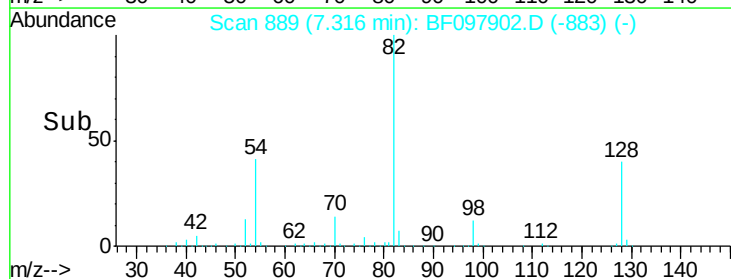
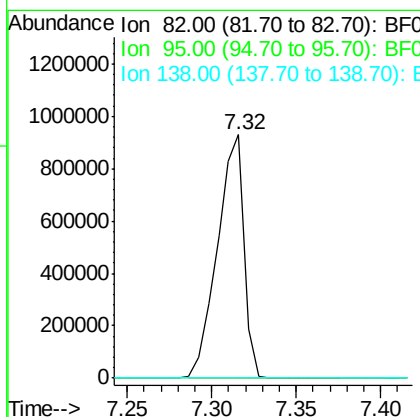
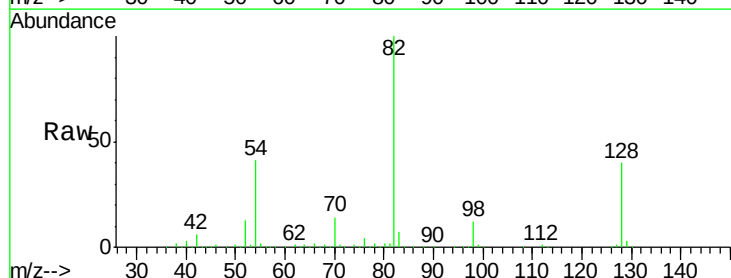
Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-002

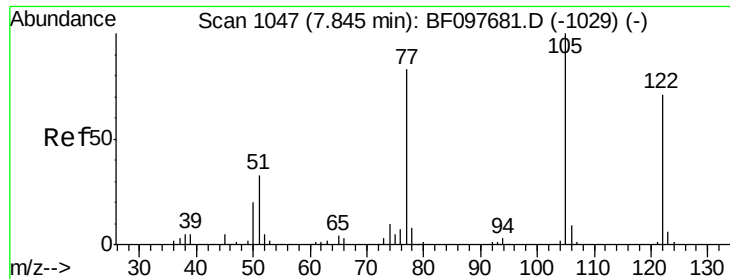
Tot Ion: 82 Resp: 1014019
 Ion Ratio Lower Upper
 82 100
 128 39.9 34.0 51.0
 54 41.0 42.2 63.2#



#25
 Isophorone
 Concen: 44.64 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF097902.D
 Acq: 21 Aug 2017 13:13

Tgt Ion: 82 Resp: 1007779
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

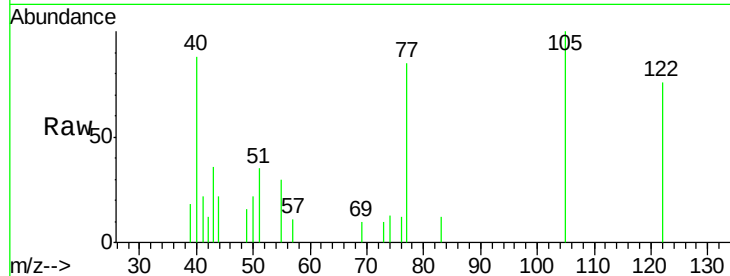




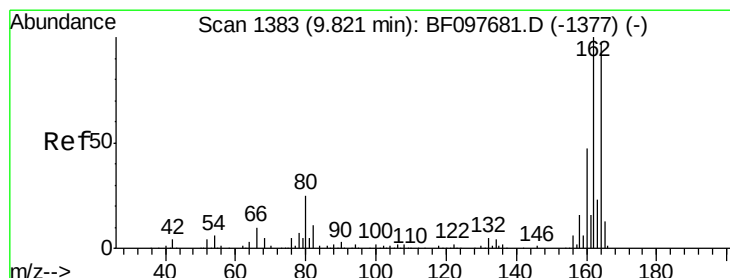
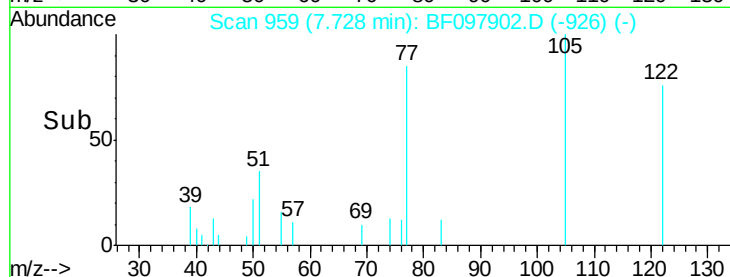
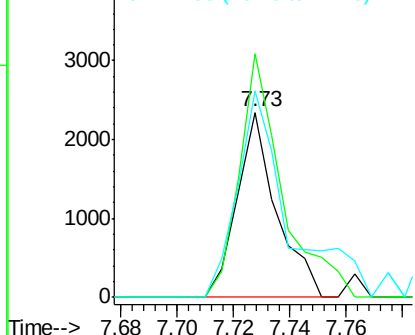
#32
Benzoic acid
Concen: 6.69 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.11 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-002

Tot Ion:122 Resp: 2265
Ion Ratio Lower Upper
122 100
105 131.5 103.3 143.3
77 111.4 73.7 113.7

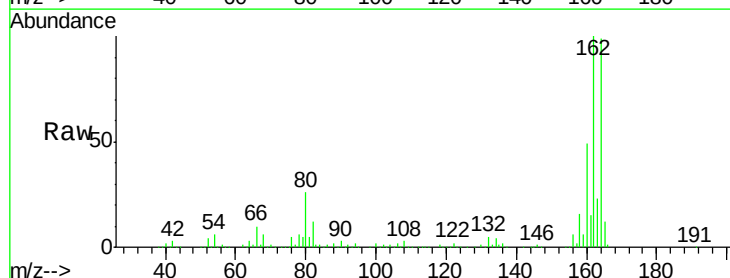


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

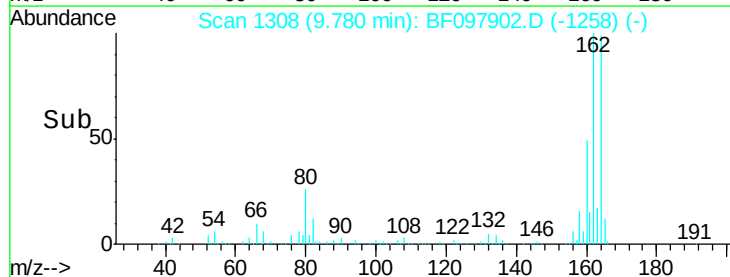
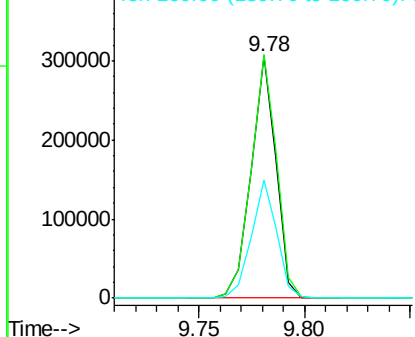


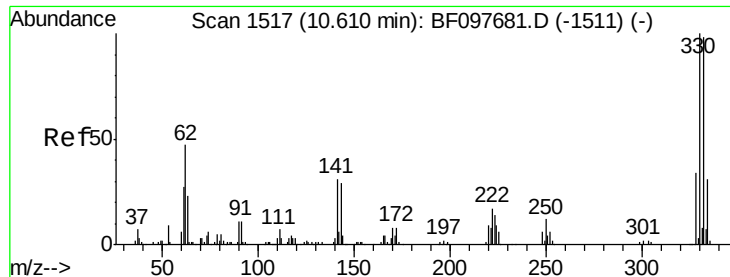
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Tgt Ion:164 Resp: 250632
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 48.9 36.2 54.2



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

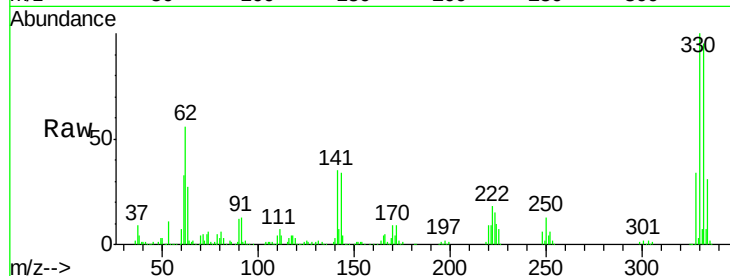




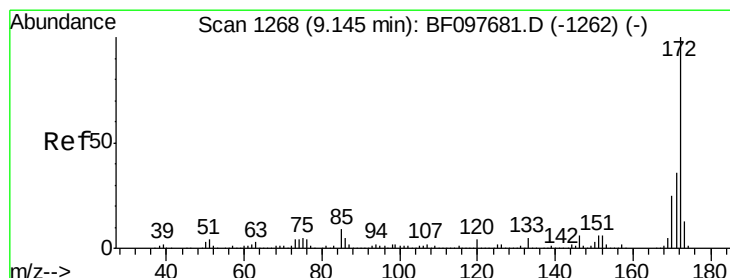
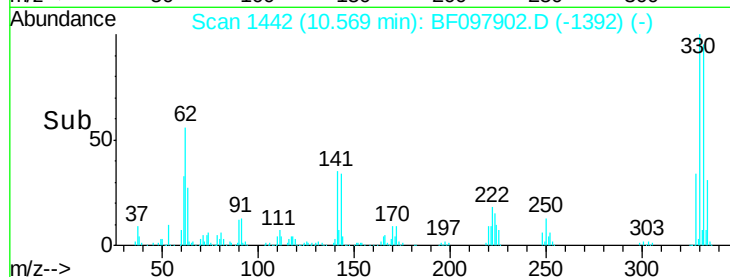
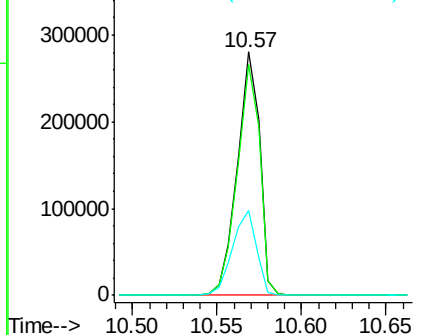
#41
 2,4,6-Tribromophenol
 Concen: 119.49 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097902.D
 Acq: 21 Aug 2017 13:13

Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-002

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	37.2	31.4	47.2

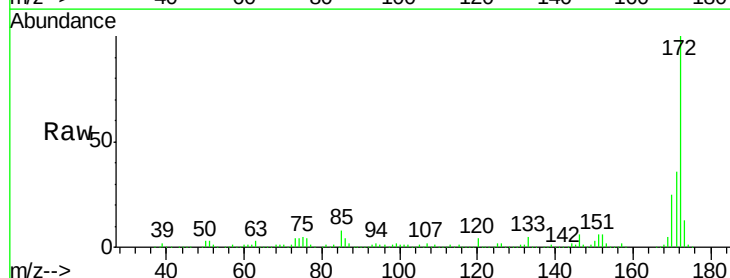


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

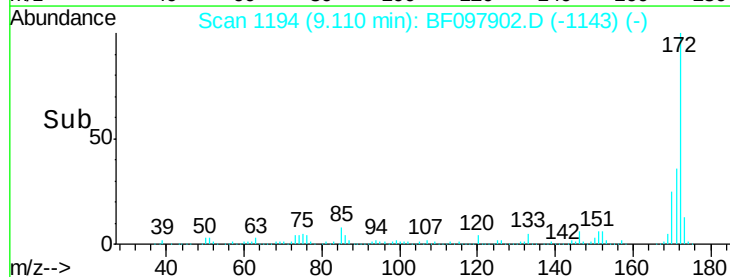
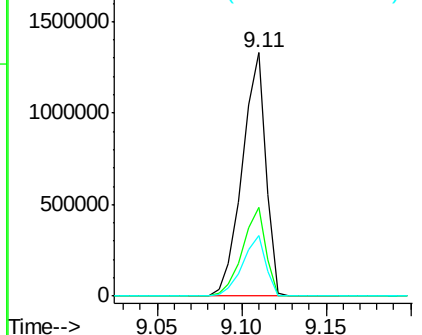


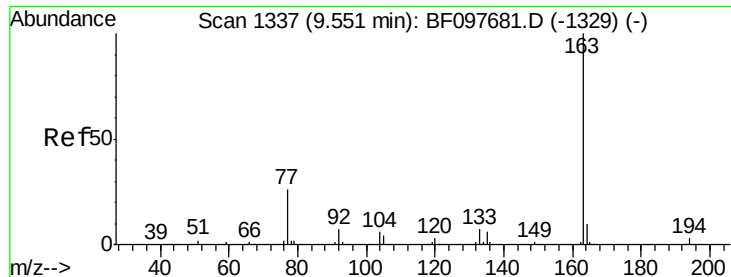
#44
 2-Fluorobiphenyl
 Concen: 76.21 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF097902.D
 Acq: 21 Aug 2017 13:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.9	19.8	29.8



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

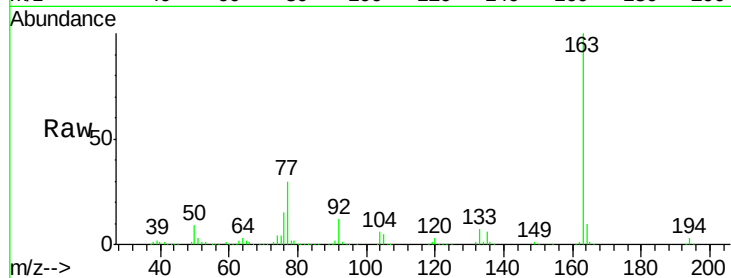




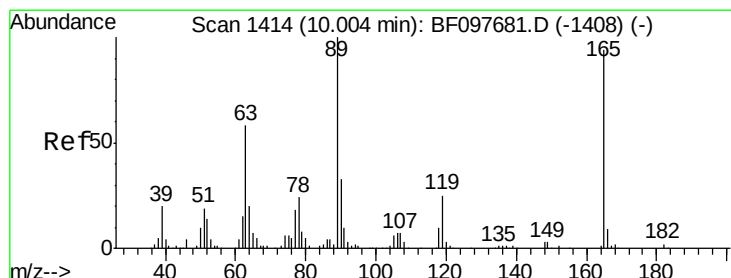
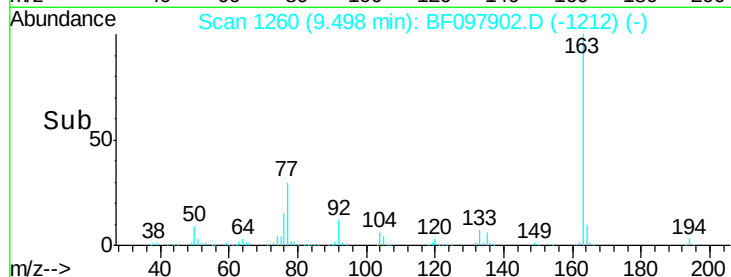
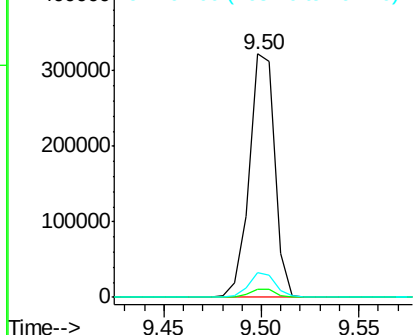
#49
Dimethylphthalate
Concen: 15.94 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-002

Tot Ion:163 Resp: 292014
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 8.4 12.6

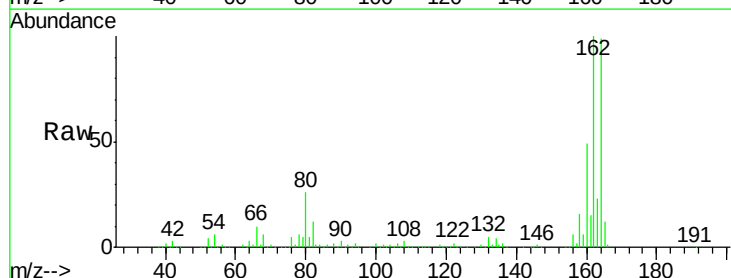


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

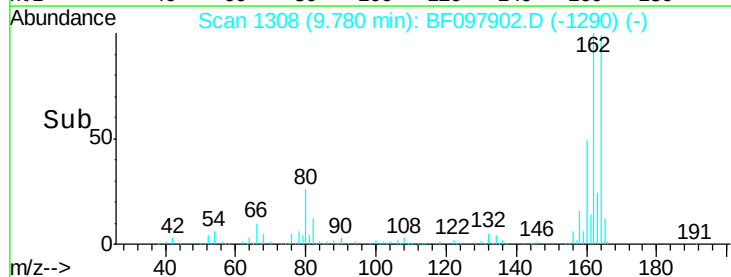
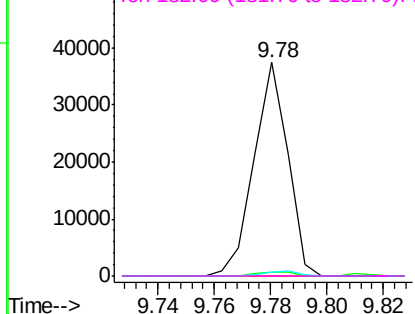


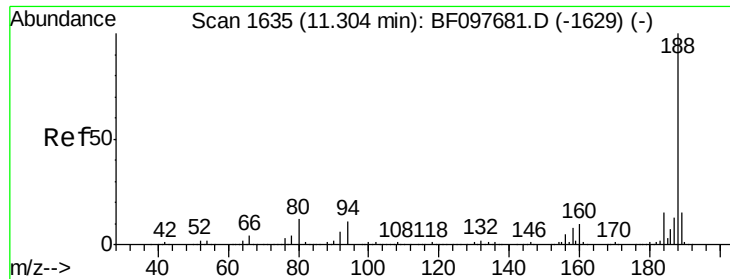
#56
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.19 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Tgt Ion:165 Resp: 31138
Ion Ratio Lower Upper
165 100
63 1.5 25.4 38.0#
89 1.9 46.4 69.6#
182 0.0 1.8 2.6#



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
Ion 182.00 (181.70 to 182.70): E

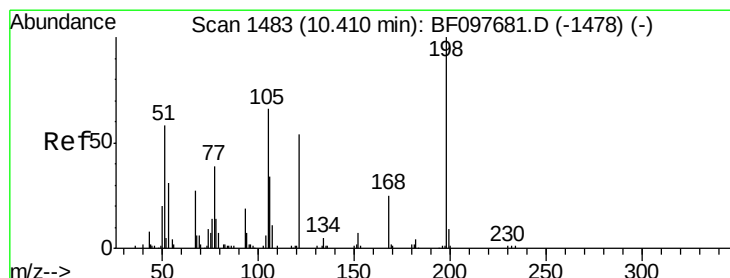
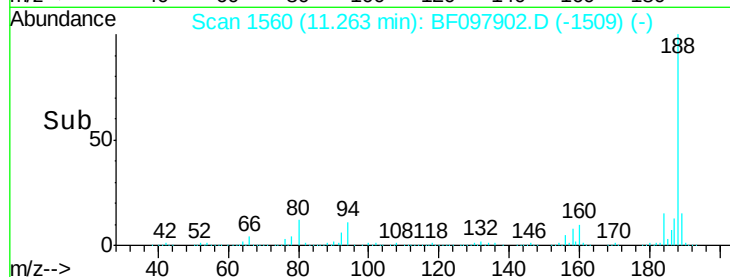
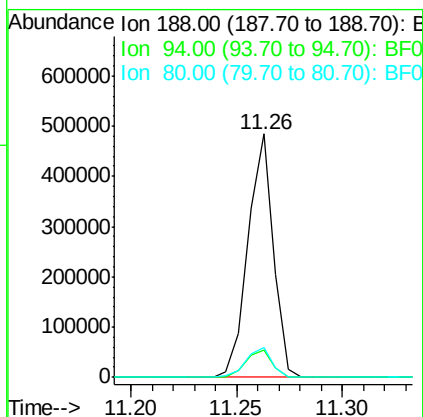
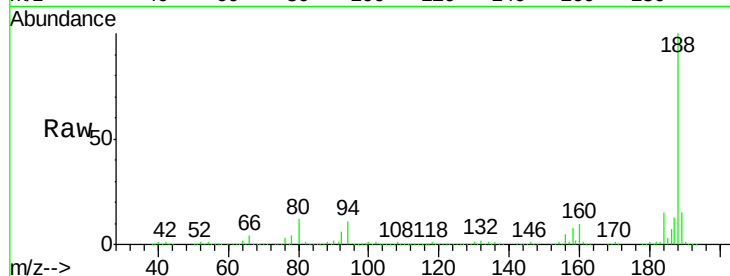




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097902.D
 Acq: 21 Aug 2017 13:13

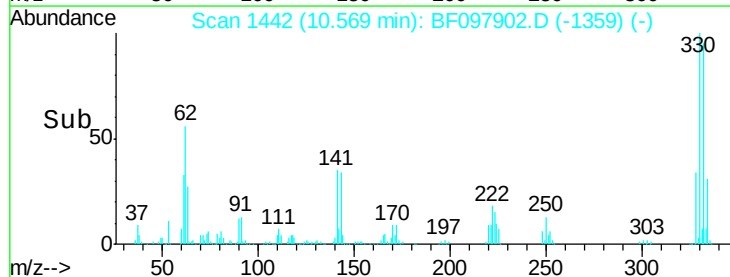
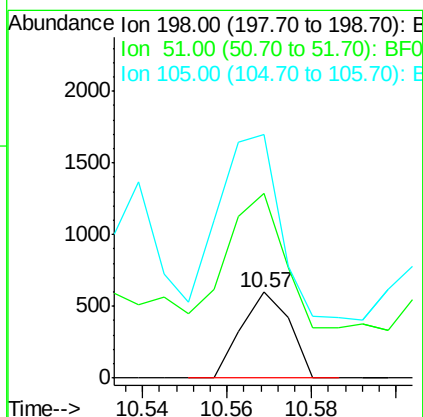
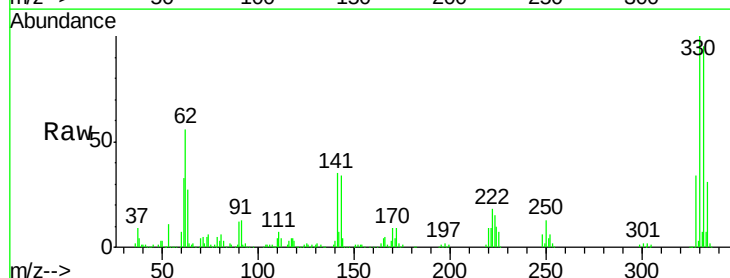
Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-002

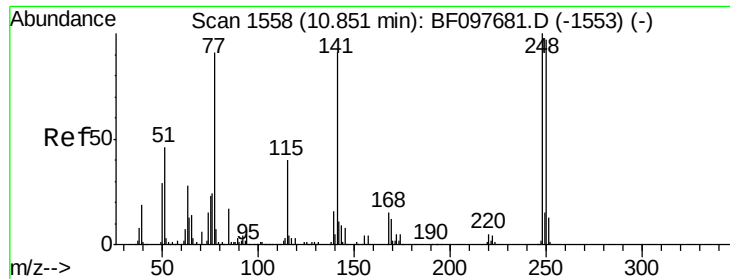
Tot Ion:188 Resp: 404270
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 12.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.53 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF097902.D
 Acq: 21 Aug 2017 13:13

Tgt Ion:198 Resp: 475
 Ion Ratio Lower Upper
 198 100
 51 214.7 53.2 93.2#
 105 283.3 45.8 85.8#

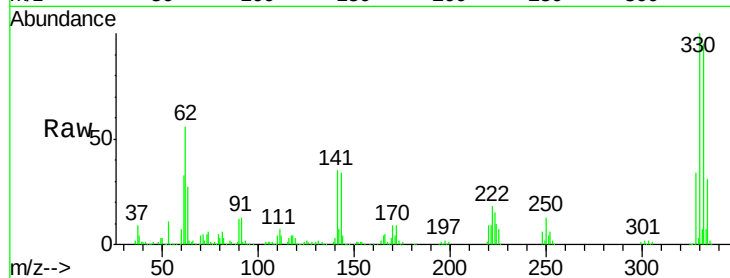




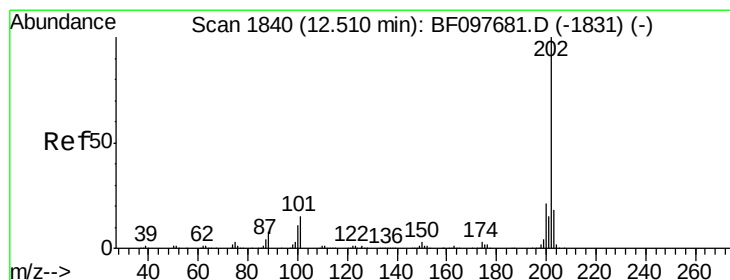
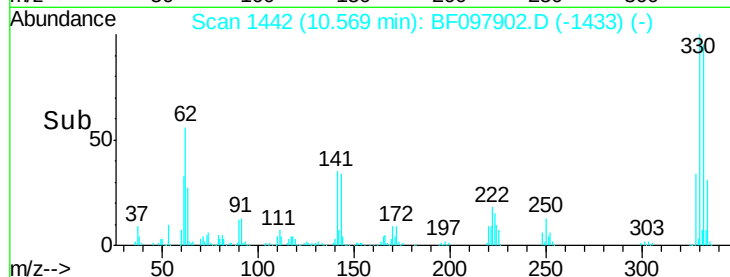
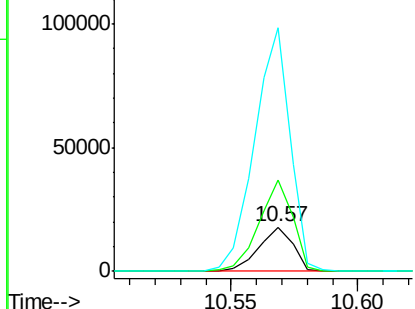
#66
 4-Bromophenyl-phenylether
 Concen: 4.06 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097902.D
 Acq: 21 Aug 2017 13:13

Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-002

Tot Ion:248 Resp: 17032
 Ion Ratio Lower Upper
 248 100
 250 204.4 76.8 115.2#
 141 546.5 68.6 103.0#

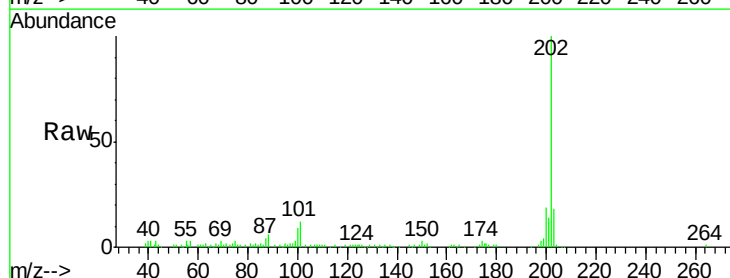


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

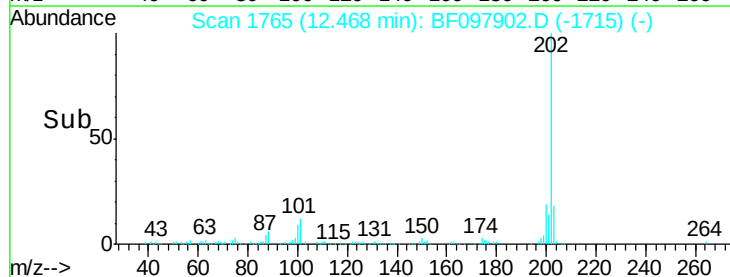
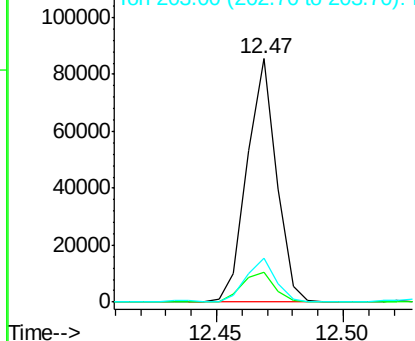


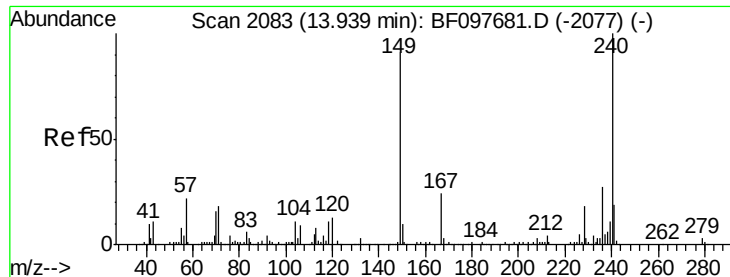
#74
 Fluoranthene
 Concen: 3.08 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF097902.D
 Acq: 21 Aug 2017 13:13

Tgt Ion:202 Resp: 69172
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 33.2
 203 17.9 0.0 38.1



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

Instrument :

BNA_F

ClientSampleId :

CAPTAINSCOVE-WC-002

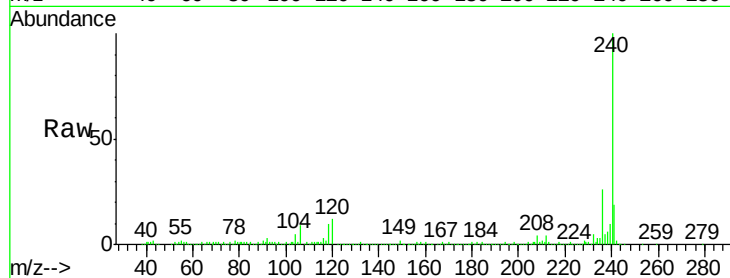
Tot Ion:240 Resp: 309117

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

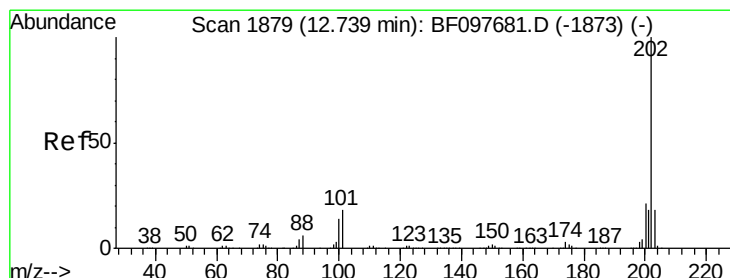
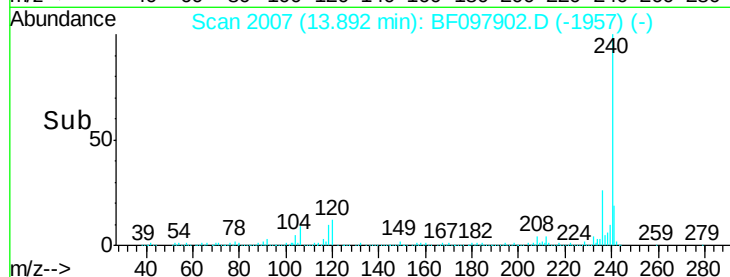
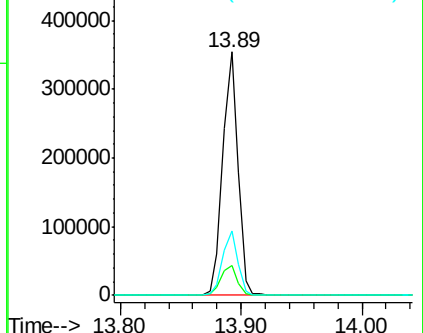
236 26.4 20.5 30.7



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: 2.23 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

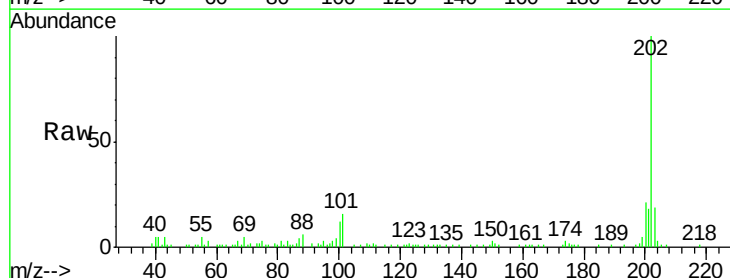
Tgt Ion:202 Resp: 56305

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

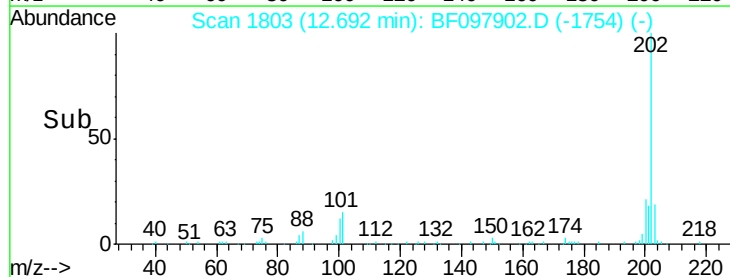
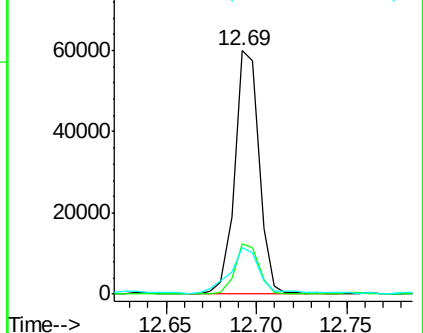
203 19.3 14.4 21.6

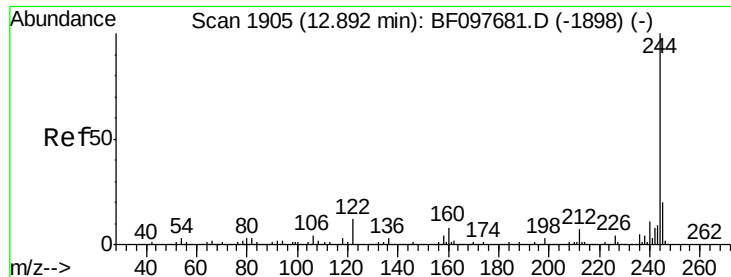


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

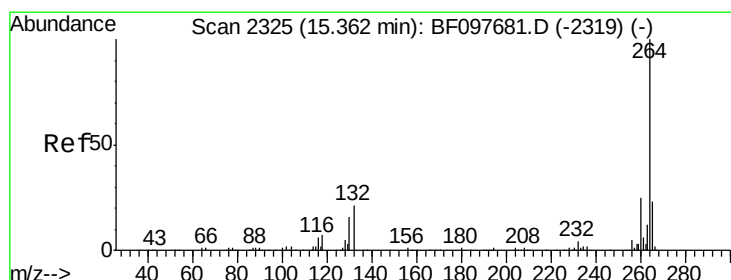
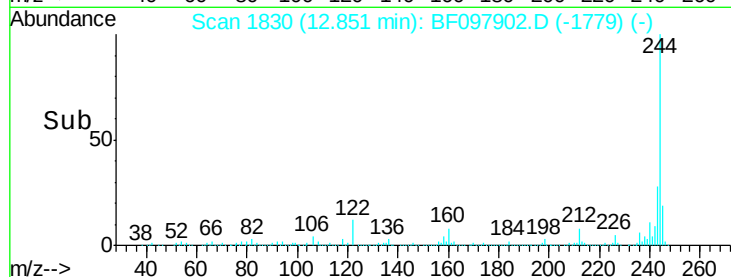
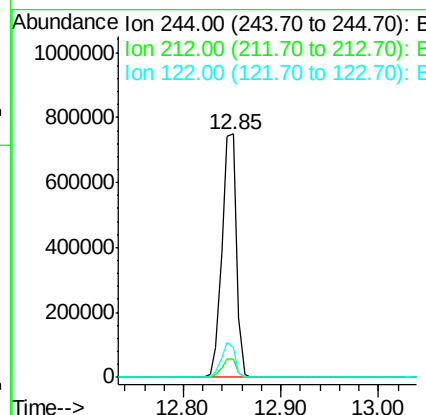
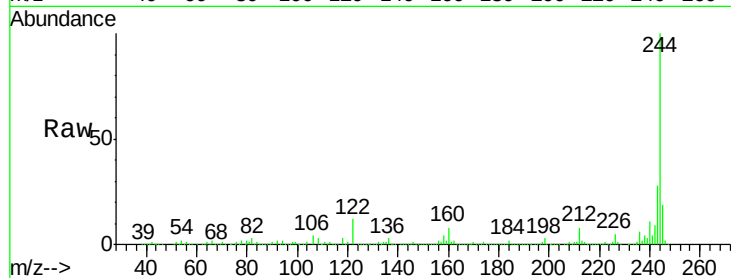




#78
 Terphenyl-d14
 Concen: 51.91 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BF097902.D
 Acq: 21 Aug 2017 13:13

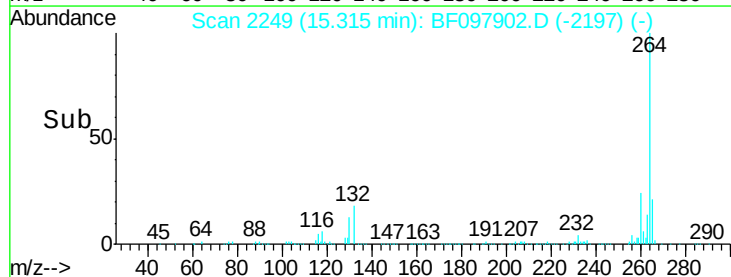
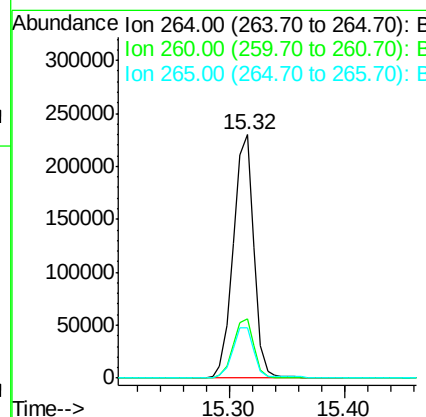
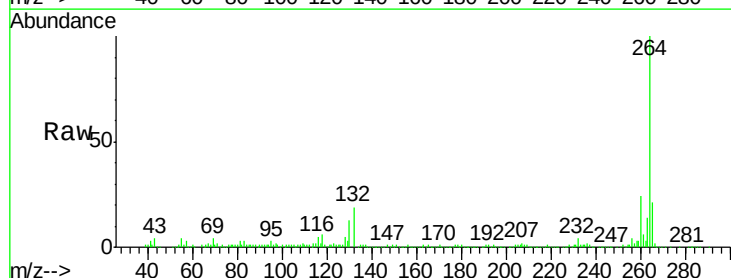
Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOPE-WC-002

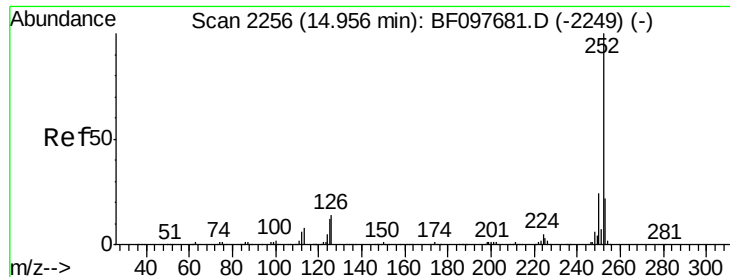
Tot Ion:244 Resp: 769411
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097902.D
 Acq: 21 Aug 2017 13:13

Tgt Ion:264 Resp: 283291
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 20.9 17.2 25.8

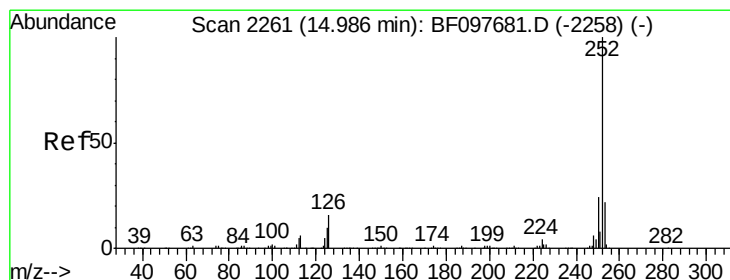
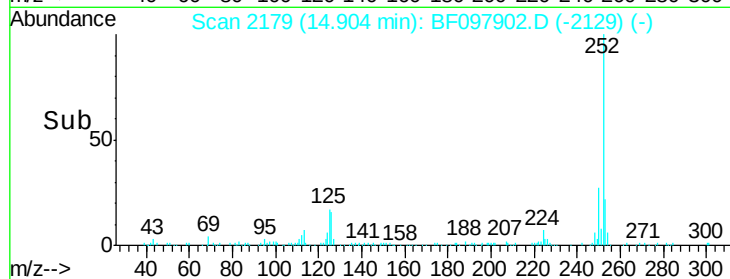
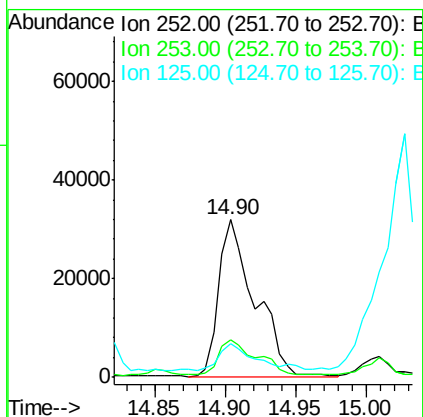
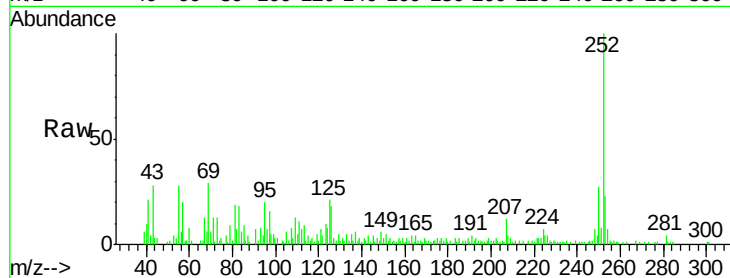




#87
Benzo(b)fluoranthene
Concen: 3.26 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-002

Tot Ion:252 Resp: 58148
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 21.3 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 3.47 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.04 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Tgt Ion:252 Resp: 58148
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 21.3 13.1 19.7#

