

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
 Data File : BF090890.D
 Acq On : 28 Oct 2016 2:03
 Operator : UM/SJ
 Sample : H5423-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7COMP(0-16FEET)

Quant Time: Oct 28 05:08:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 18:46:43 2016
 Response via : Initial Calibration

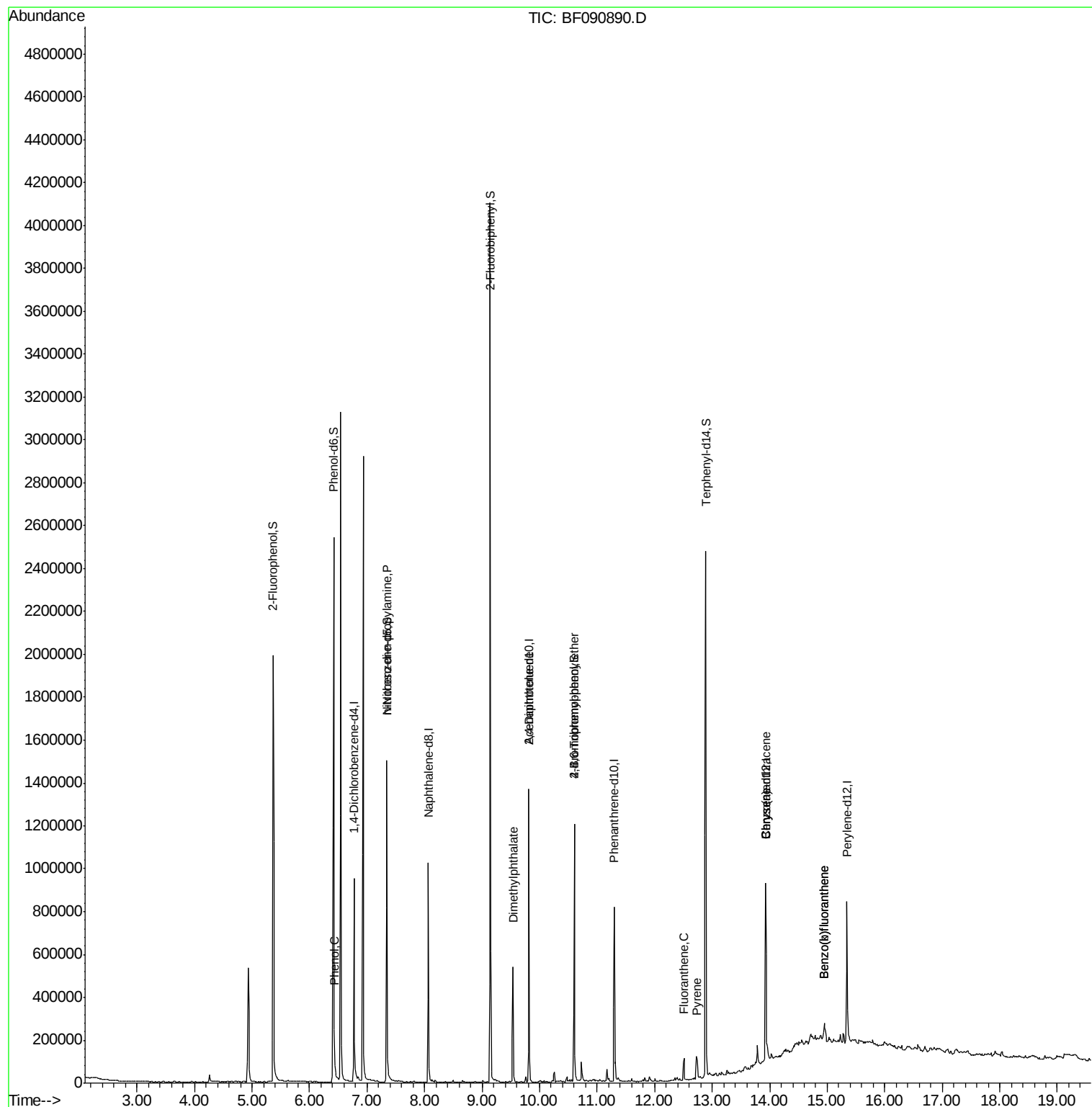
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	153229	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	568246	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	273116	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	359242	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	332201	20.00	ng	-0.02
86) Perylene-d12	15.35	264	312219	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	799773	91.26	ng	0.00
7) Phenol-d6	6.42	99	1161539	98.24	ng	0.00
23) Nitrobenzene-d5	7.34	82	681156	78.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	160452	57.17	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1233582	79.31	ng	-0.01
78) Terphenyl-d14	12.89	244	922527	69.96	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.43	94	31910	2.45	ng	79
19) n-Nitroso-di-n-propylamine	7.34	70	86979	12.72	ng	# 48
49) Dimethylphthalate	9.54	163	261928	14.35	ng	# 97
56) 2,4-Dinitrotoluene	9.81	165	36084	7.21	ng	# 33
66) 4-Bromophenyl-phenylether	10.60	248	10242	2.60	ng	# 1
74) Fluoranthene	12.51	202	59971	2.99	ng	88
77) Pyrene	12.74	202	59378	2.82	ng	98
80) Benzo(a)anthracene	13.93	228	38106	2.16	ng	# 87
82) Chrysene	13.93	228	38106	2.14	ng	# 89
87) Benzo(b)fluoranthene	14.95	252	52737	2.51	ng	# 92
88) Benzo(k)fluoranthene	14.95	252	52737	3.18	ng	93

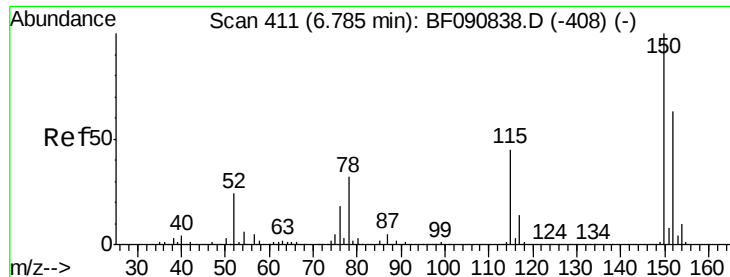
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090890.D
Acq On : 28 Oct 2016 2:03
Operator : UM/SJ
Sample : H5423-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7COMP(0-16FEET)

Quant Time: Oct 28 05:08:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration

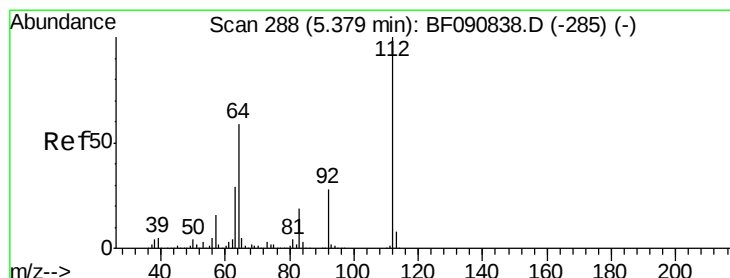
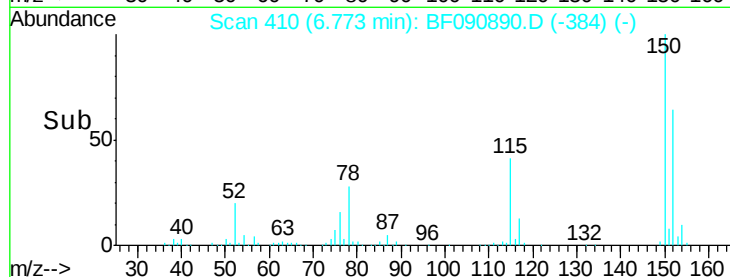
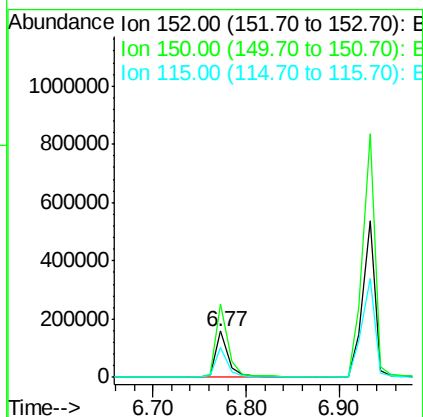
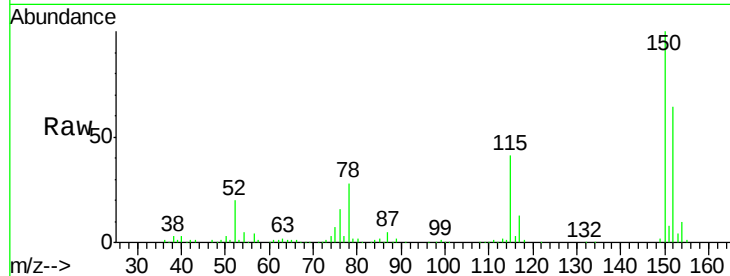




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF090890.D
 Acq: 28 Oct 2016 2:03

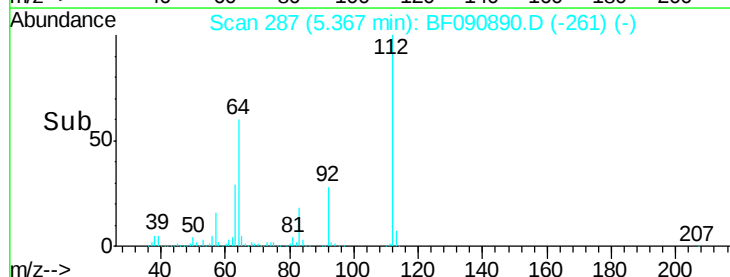
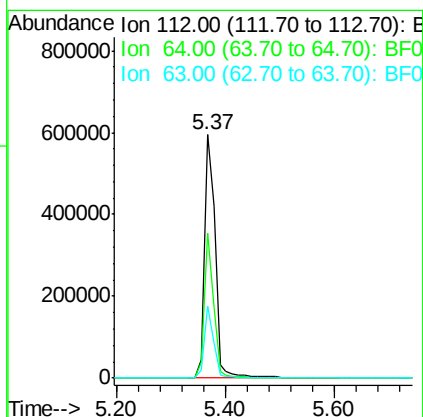
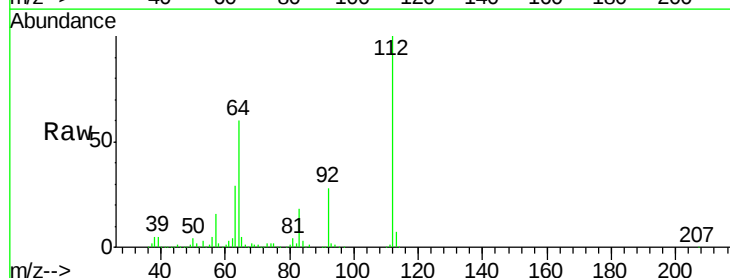
Instrument :
 BNA_F
 ClientSampleId :
 SB-7COMP(0-16FEET)

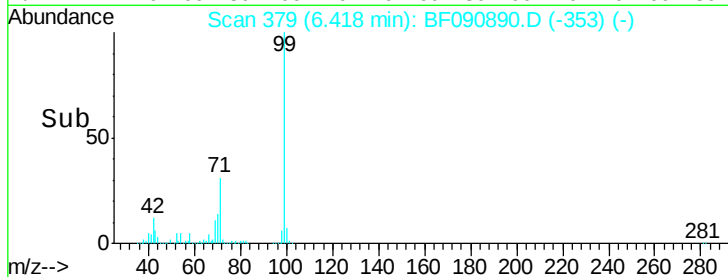
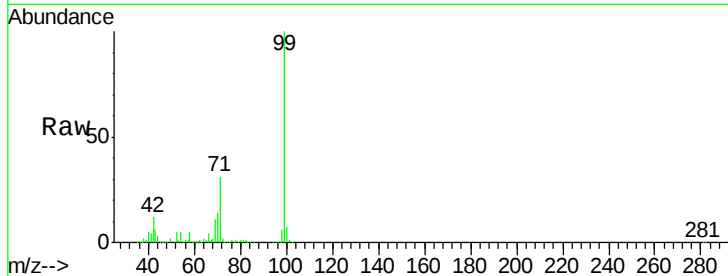
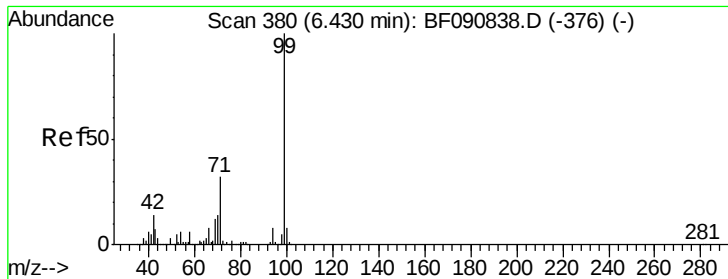
Tgt Ion:152 Resp: 153229
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.7 187.1
 115 64.7 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 91.26 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: BF090890.D
 Acq: 28 Oct 2016 2:03

Tgt Ion:112 Resp: 799773
 Ion Ratio Lower Upper
 112 100
 64 59.7 39.7 59.5#
 63 29.4 17.4 26.0#





#7

Phenol-d6

Concen: 98.24 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-7COMP(0-16FEET)

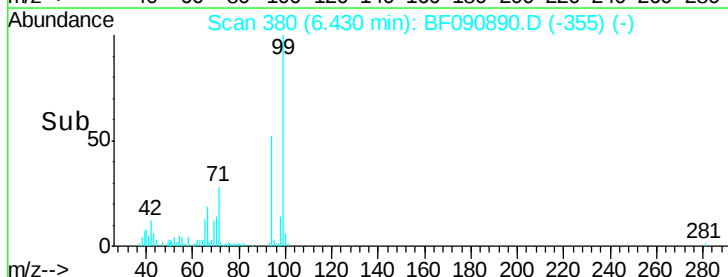
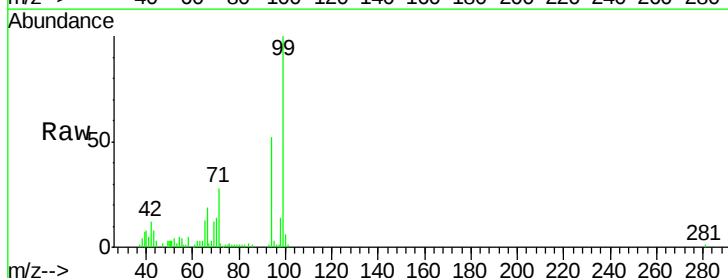
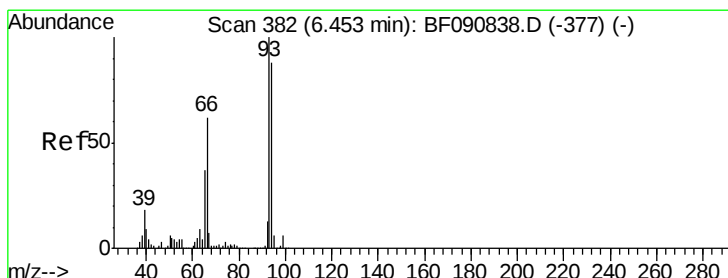
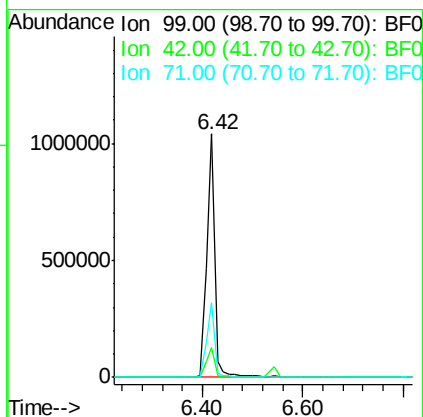
Tgt Ion: 99 Resp: 1161539

Ion Ratio Lower Upper

99 100

42 12.5 13.7 20.5#

71 30.6 14.2 21.2#



#10

Phenol

Concen: 2.45 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

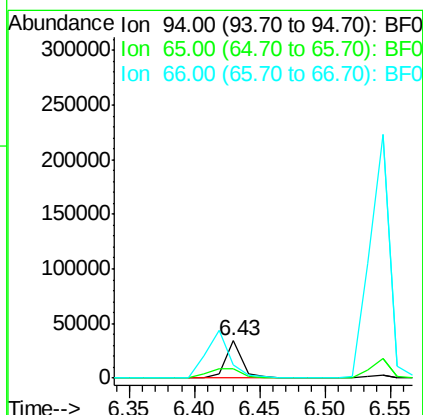
Tgt Ion: 94 Resp: 31910

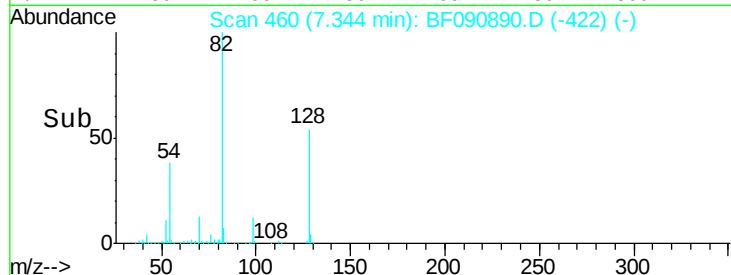
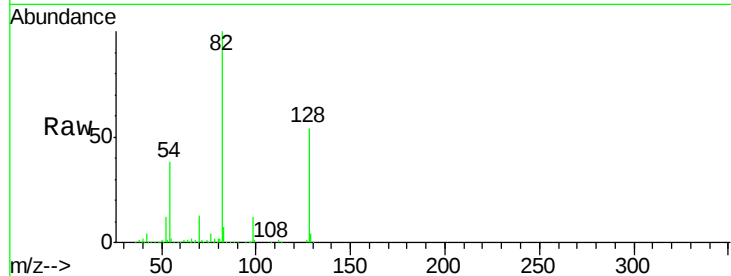
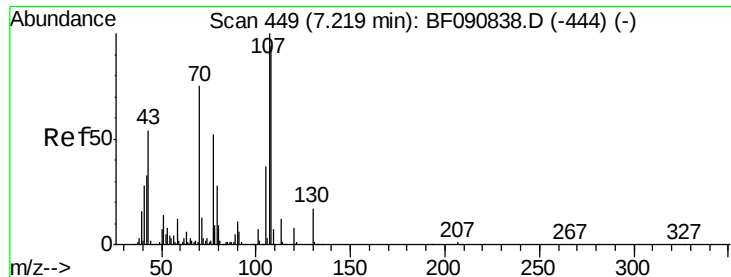
Ion Ratio Lower Upper

94 100

65 24.6 0.7 40.7

66 36.8 0.8 40.8

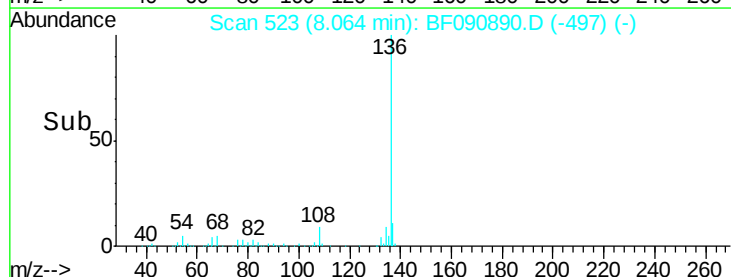
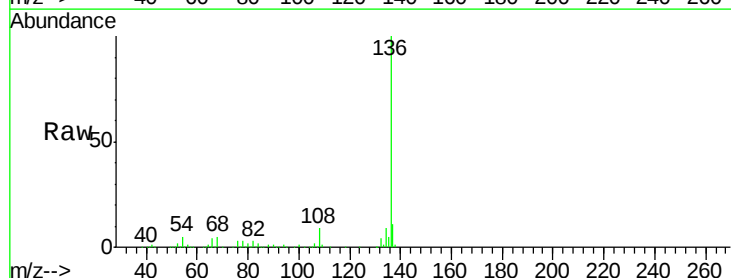
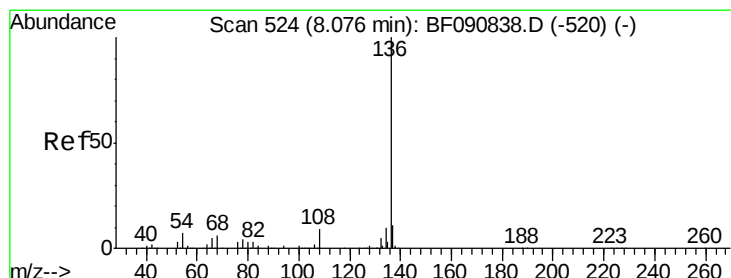
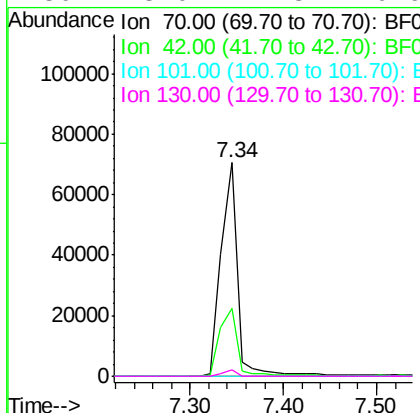




#19
n-Nitroso-di-n-propylamine
Concen: 12.72 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

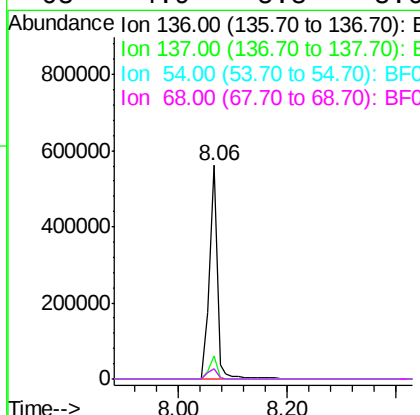
Instrument :
BNA_F
ClientSampleId :
SB-7COMP(0-16FEET)

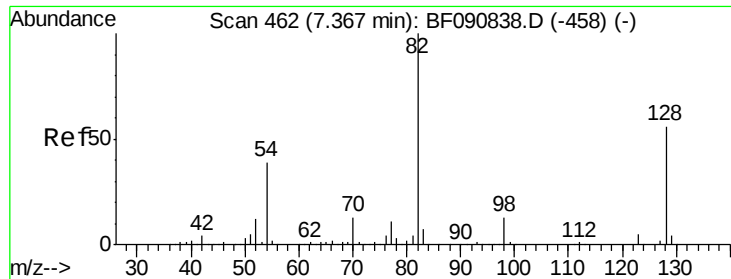
Tgt Ion: 70 Resp: 86979
Ion Ratio Lower Upper
70 100
42 31.9 63.8 95.6#
101 0.0 9.2 13.8#
130 3.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

Tgt Ion: 136 Resp: 568246
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 4.8 8.2 12.2#
68 4.9 5.8 8.6#

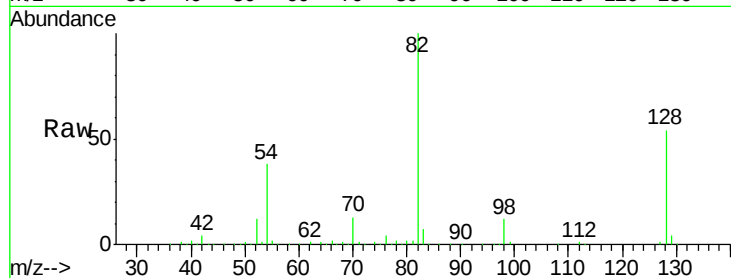




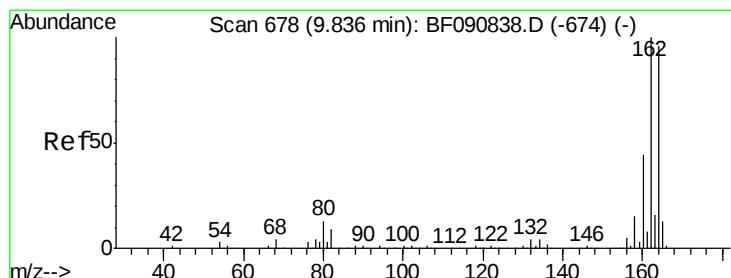
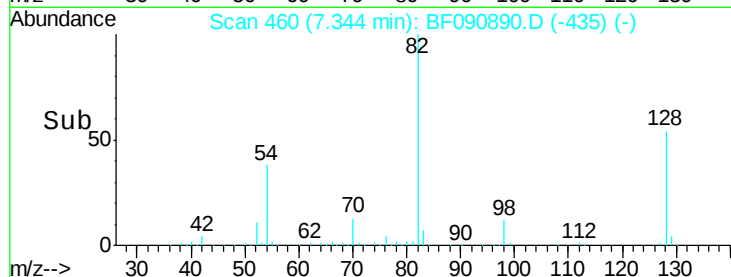
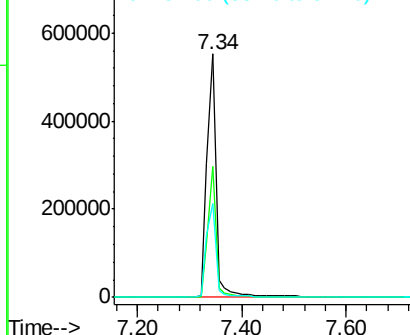
#23
 Nitrobenzene-d5
 Concen: 78.47 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF090890.D
 Acq: 28 Oct 2016 2:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-7COMP(0-16FEET)

Tgt Ion: 82 Resp: 681156
 Ion Ratio Lower Upper
 82 100
 128 53.6 51.0 76.6
 54 38.3 47.5 71.3#

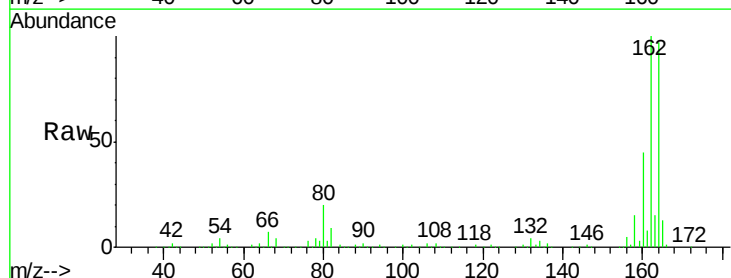


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

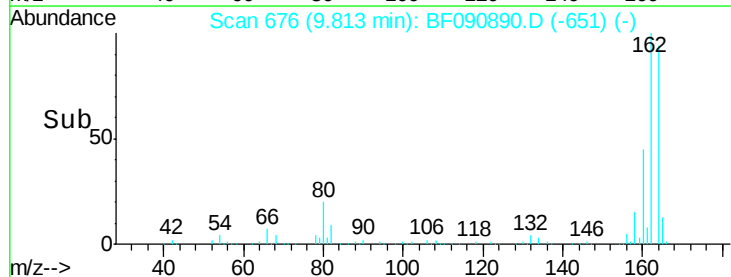
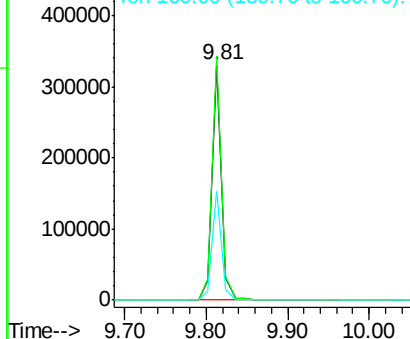


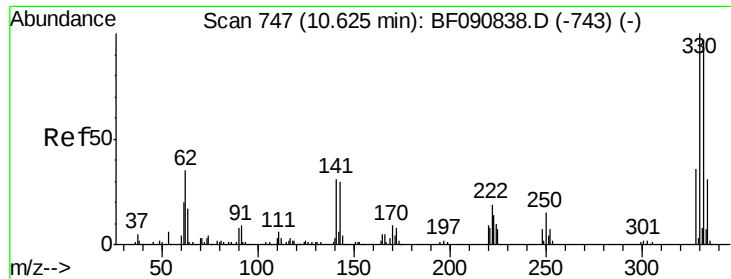
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF090890.D
 Acq: 28 Oct 2016 2:03

Tgt Ion: 164 Resp: 273116
 Ion Ratio Lower Upper
 164 100
 162 103.6 75.2 112.8
 160 46.4 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

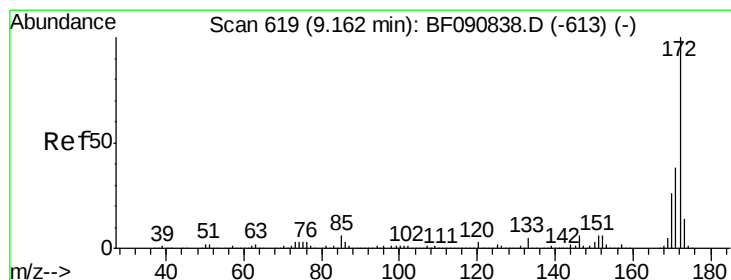
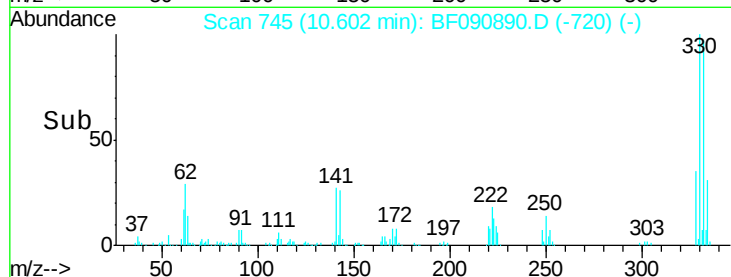
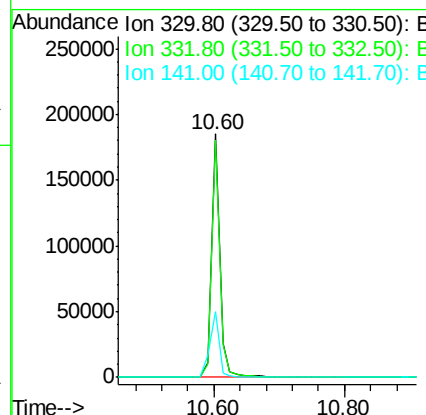
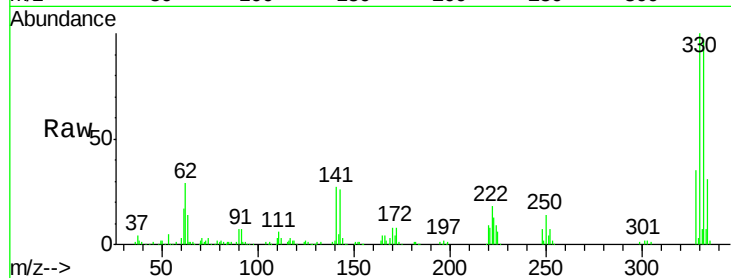




#41
 2,4,6-Tribromophenol
 Concen: 57.17 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF090890.D
 Acq: 28 Oct 2016 2:03

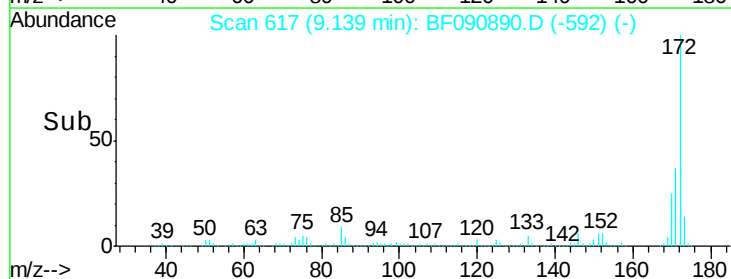
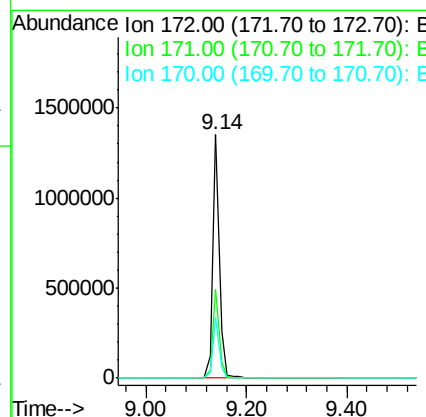
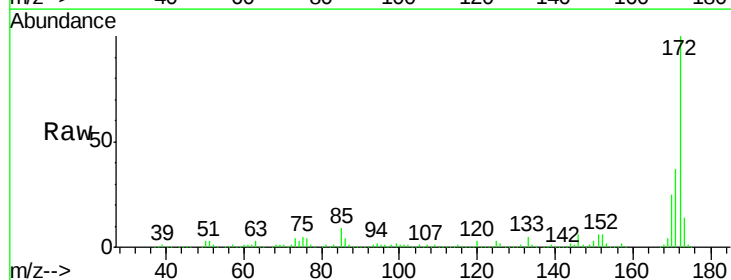
Instrument :
 BNA_F
 ClientSampleId :
 SB-7COMP(0-16FEET)

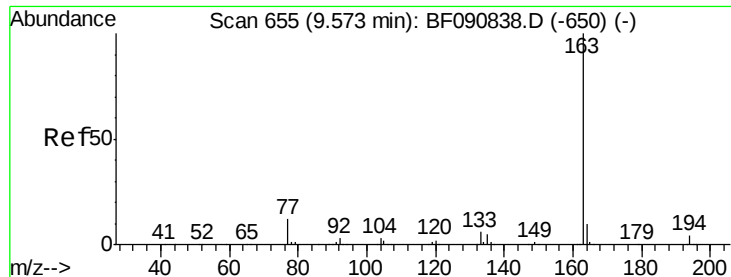
Tgt Ion:330 Resp: 160452
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 31.9 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 79.31 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF090890.D
 Acq: 28 Oct 2016 2:03

Tgt Ion:172 Resp: 1233582
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.7 17.4 26.2

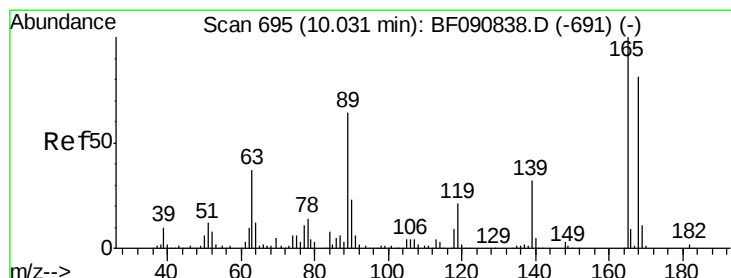
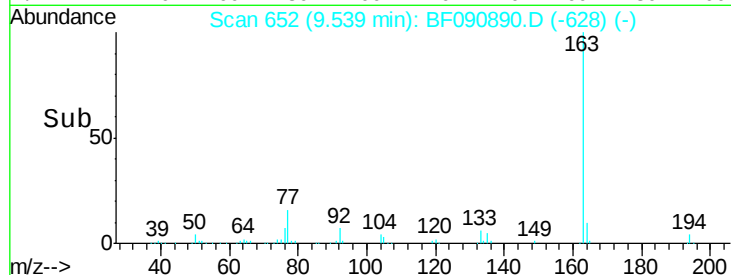
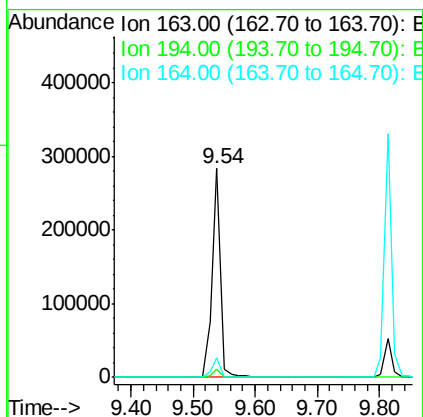
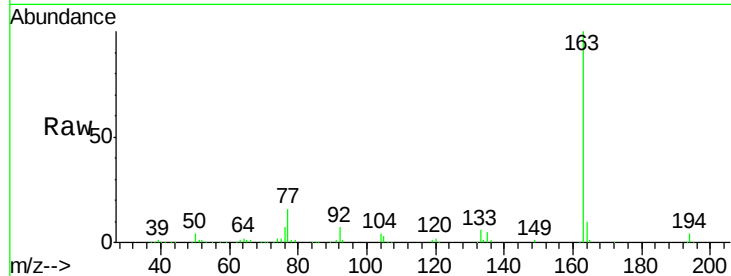




#49
Dimethylphthalate
Concen: 14.35 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

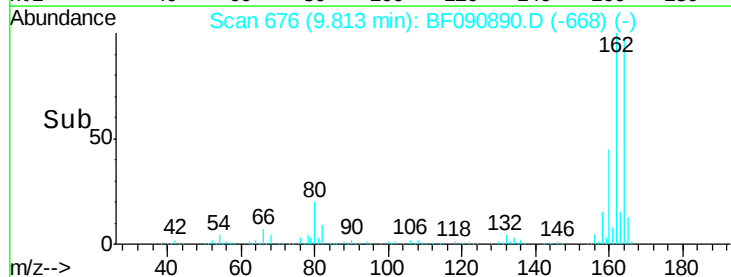
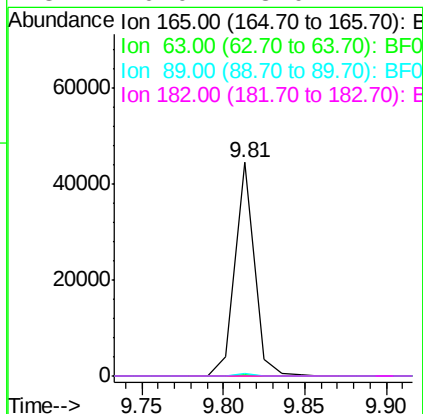
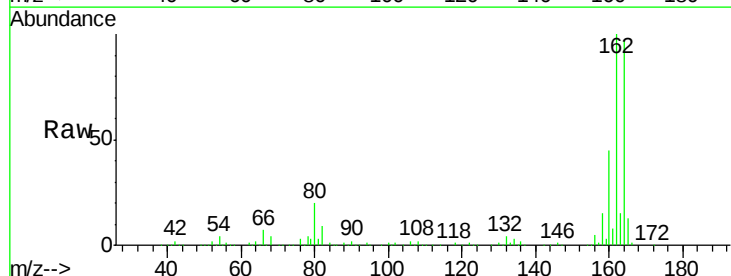
Instrument :
BNA_F
ClientSampleId :
SB-7COMP(0-16FEET)

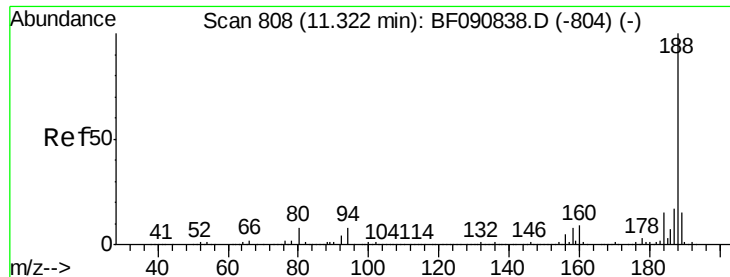
Tgt Ion:163 Resp: 261928
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.5 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 7.21 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

Tgt Ion:165 Resp: 36084
Ion Ratio Lower Upper
165 100
63 0.8 29.8 44.6#
89 1.0 44.5 66.7#
182 0.0 3.0 4.4#

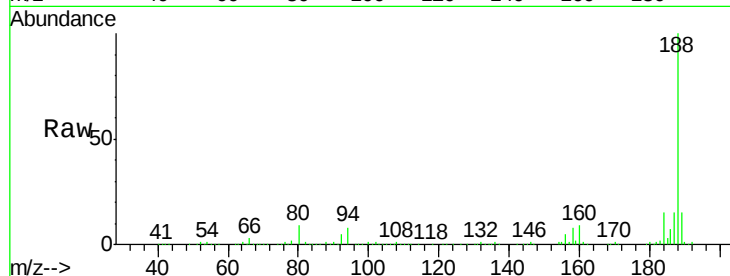




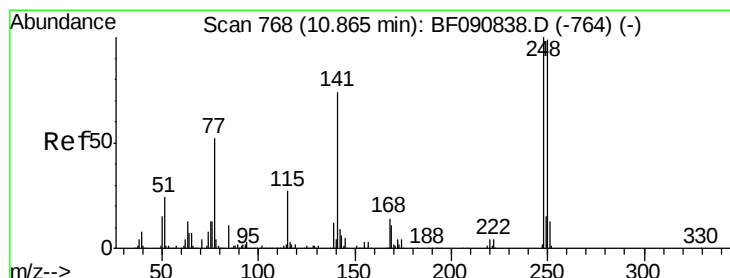
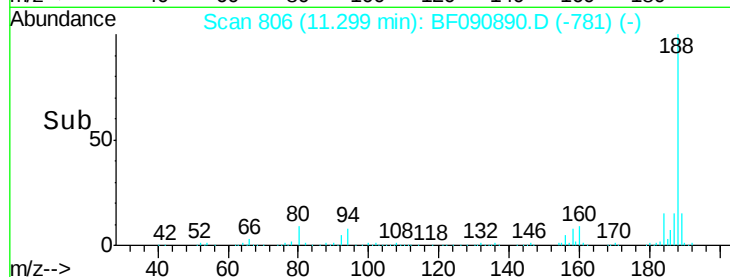
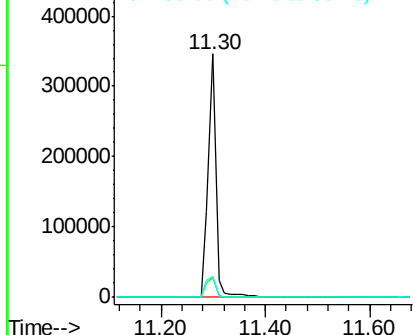
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

Instrument :
BNA_F
ClientSampleId :
SB-7COMP(0-16FEET)

Tgt Ion:188 Resp: 359242
Ion Ratio Lower Upper
188 100
94 8.2 11.1 16.7#
80 8.5 11.0 16.4#

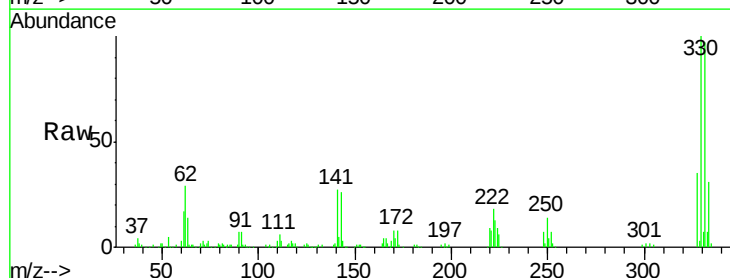


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

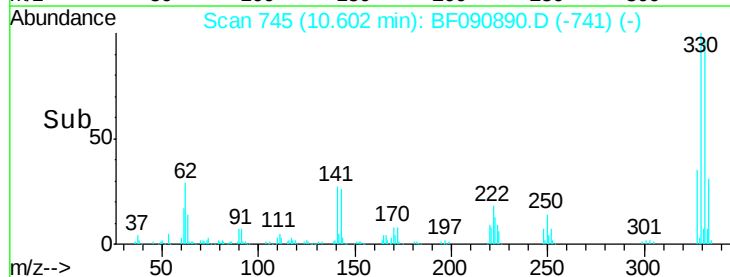
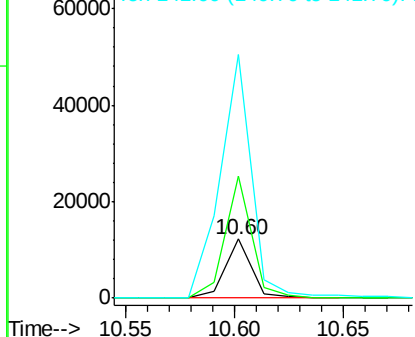


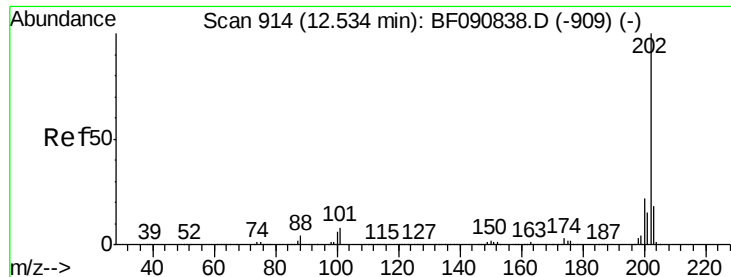
#66
4-Bromophenyl-phenylether
Concen: 2.60 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

Tgt Ion:248 Resp: 10242
Ion Ratio Lower Upper
248 100
250 205.3 78.5 117.7#
141 411.7 59.0 88.6#



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

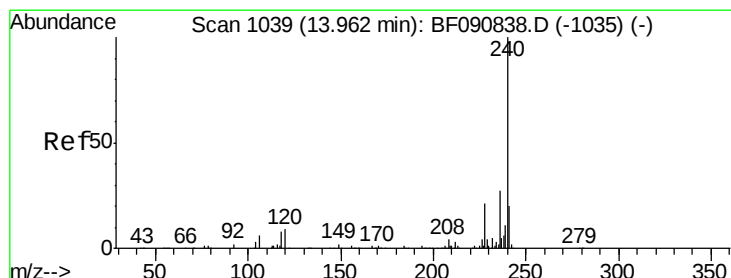
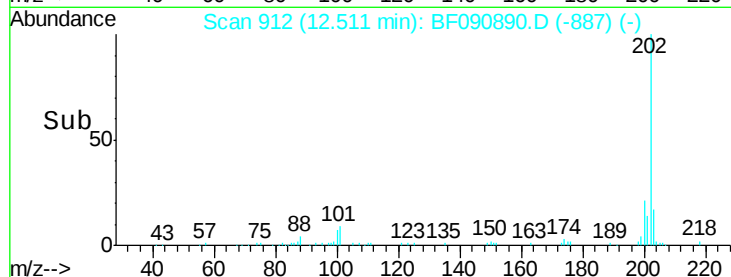
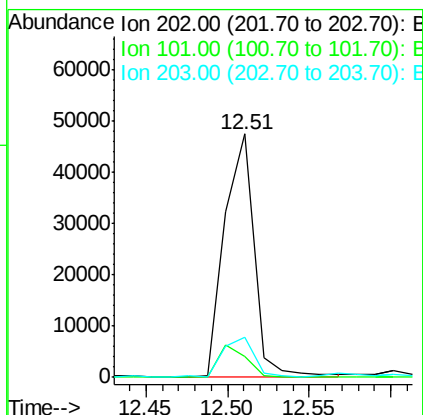
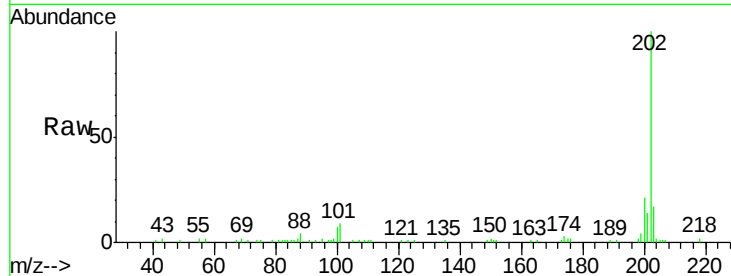




#74
 Fluoranthene
 Concen: 2.99 ng
 RT: 12.51 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF090890.D
 Acq: 28 Oct 2016 2:03

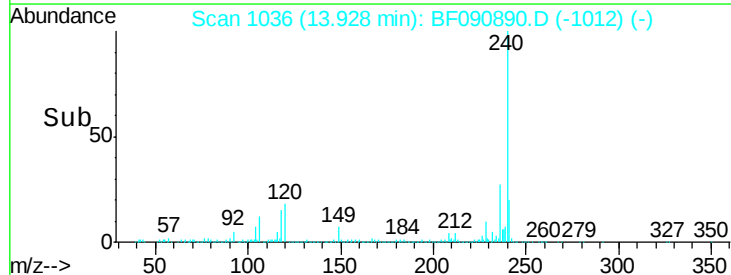
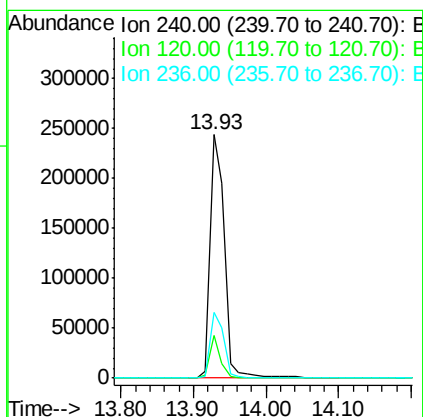
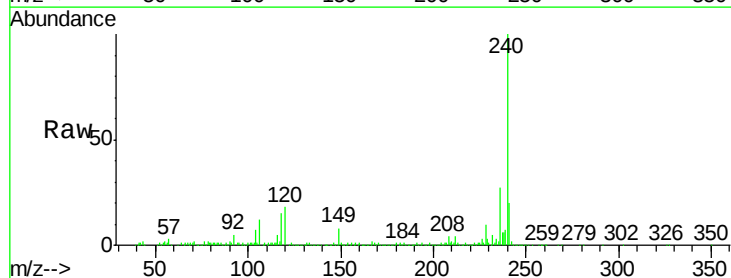
Instrument :
 BNA_F
 ClientSampleId :
 SB-7COMP(0-16FEET)

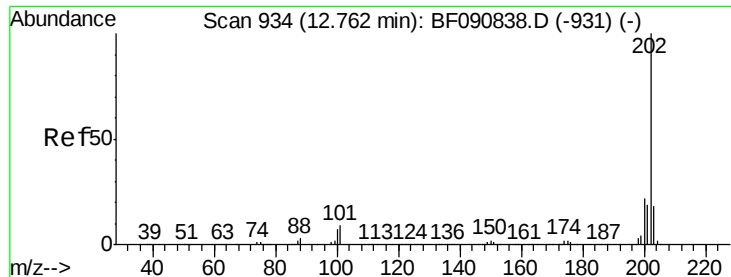
Tgt Ion: 202 Resp: 59971
 Ion Ratio Lower Upper
 202 100
 101 8.6 0.0 38.3
 203 16.7 0.0 37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF090890.D
 Acq: 28 Oct 2016 2:03

Tgt Ion: 240 Resp: 332201
 Ion Ratio Lower Upper
 240 100
 120 17.5 16.2 24.2
 236 27.0 18.4 27.6

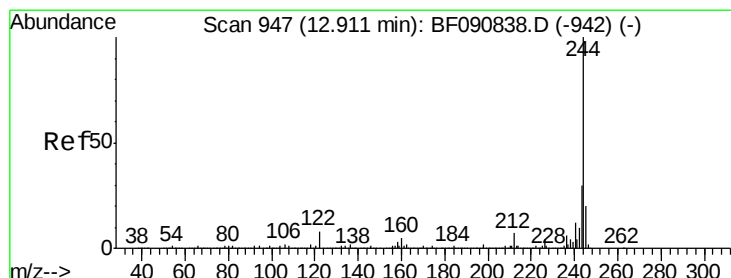
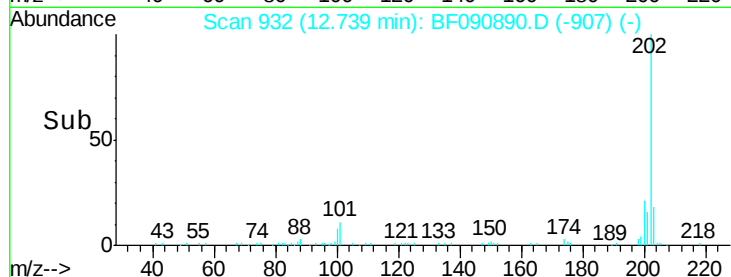
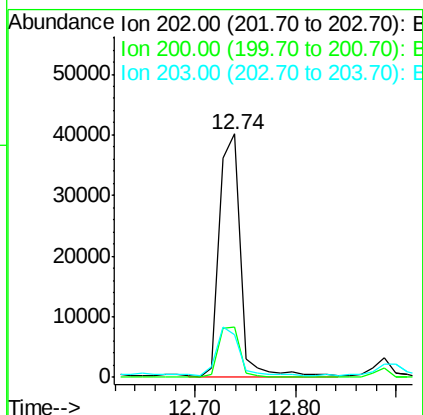
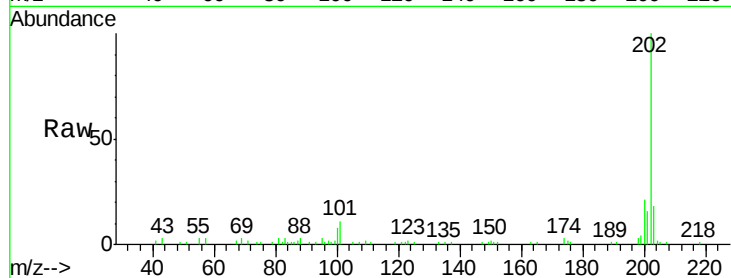




#77
 Pyrene
 Concen: 2.82 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BF090890.D
 Acq: 28 Oct 2016 2:03

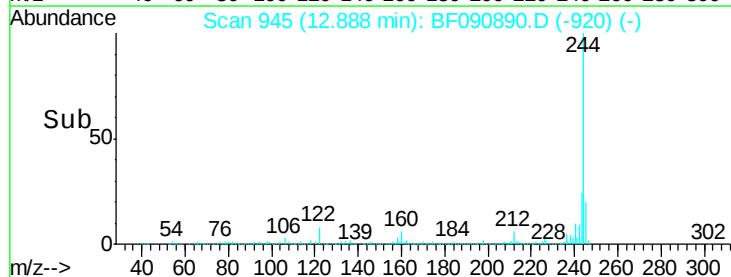
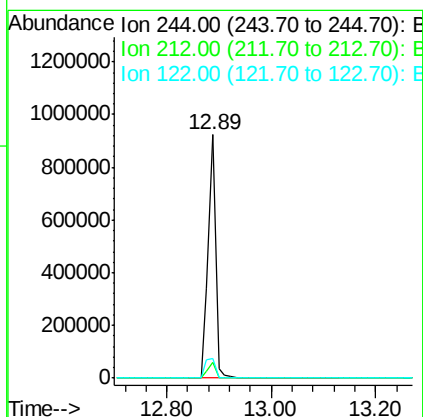
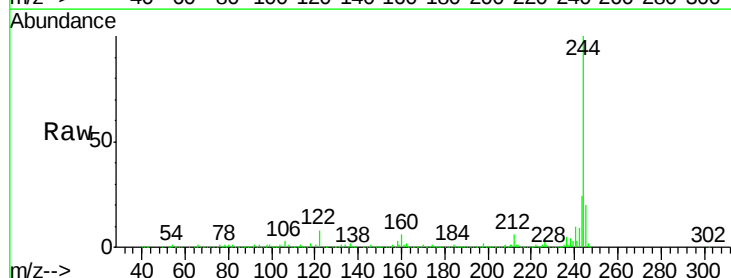
Instrument :
 BNA_F
 ClientSampleId :
 SB-7COMP(0-16FEET)

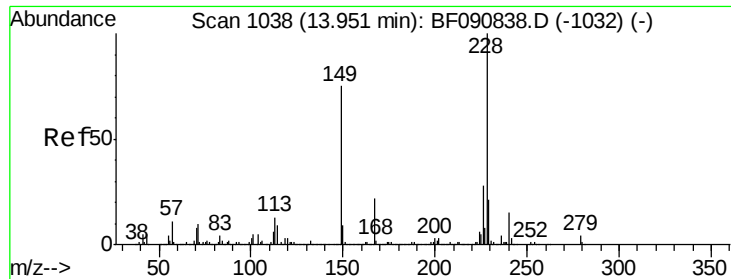
Tgt Ion: 202 Resp: 59378
 Ion Ratio Lower Upper
 202 100
 200 20.7 15.0 22.4
 203 17.8 14.1 21.1



#78
 Terphenyl-d14
 Concen: 69.96 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF090890.D
 Acq: 28 Oct 2016 2:03

Tgt Ion: 244 Resp: 922527
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.3 6.5
 122 8.3 17.4 26.2#





#80

Benzo(a)anthracene

Concen: 2.16 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-7COMP(0-16FEET)

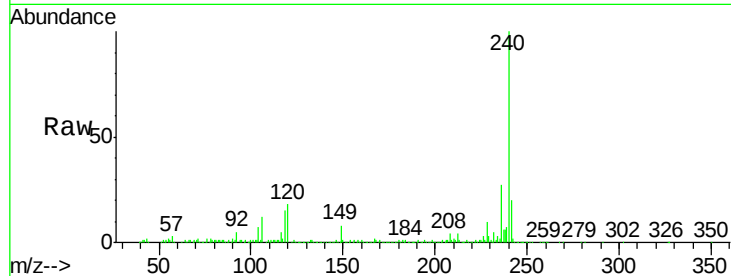
Tgt Ion:228 Resp: 38106

Ion Ratio Lower Upper

228 100

226 31.2 20.0 30.0#

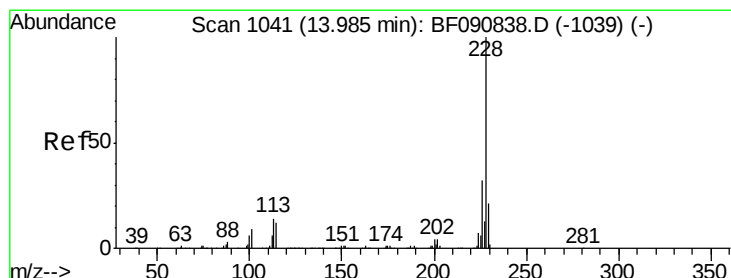
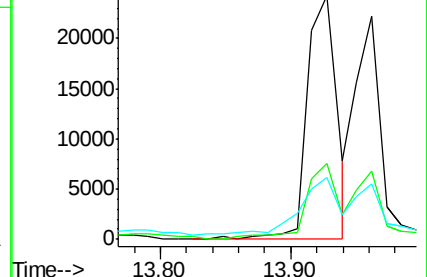
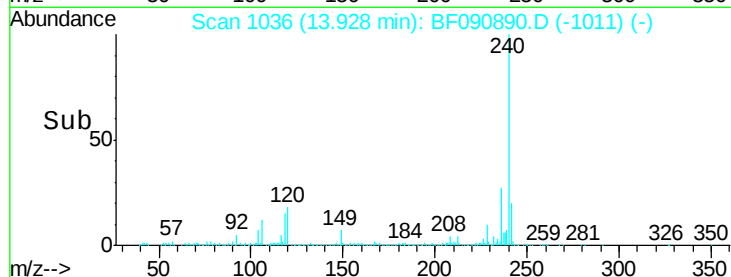
229 25.5 15.4 23.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 2.14 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF090890.D

Acq: 28 Oct 2016 2:03

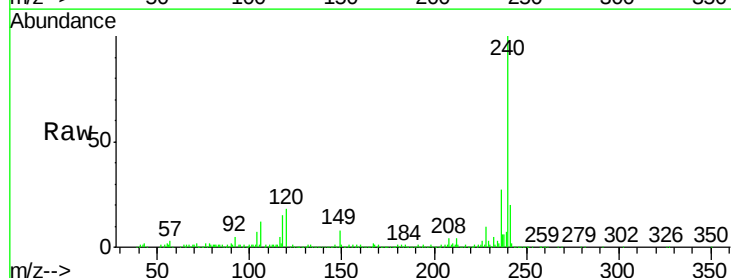
Tgt Ion:228 Resp: 38106

Ion Ratio Lower Upper

228 100

226 31.2 21.0 31.4

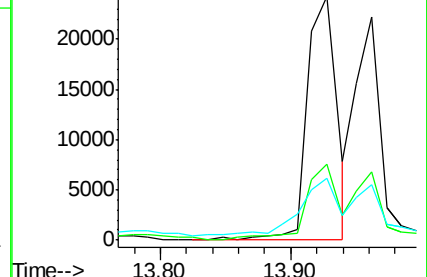
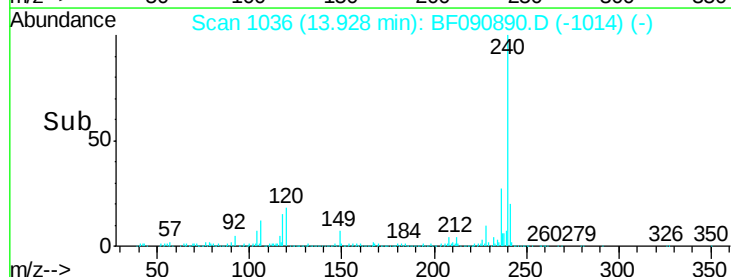
229 25.5 15.6 23.4#

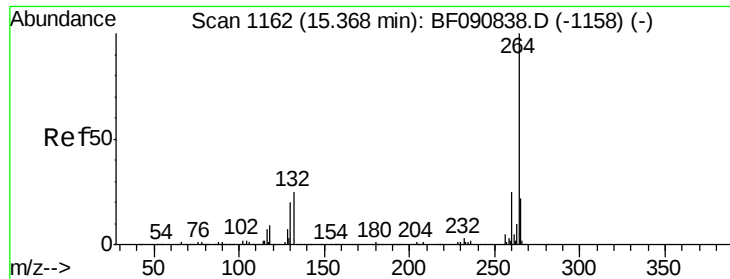


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

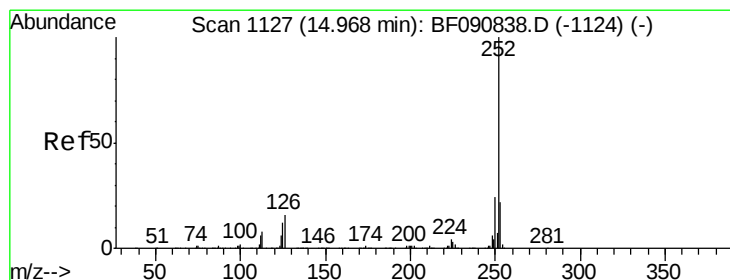
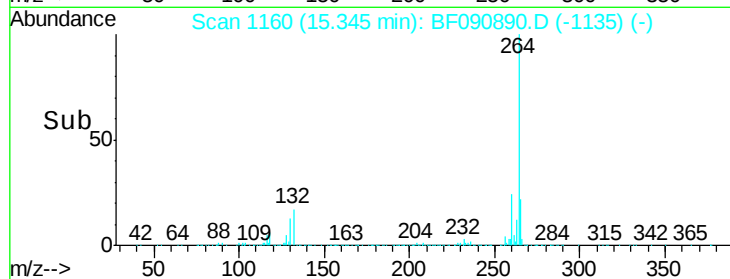
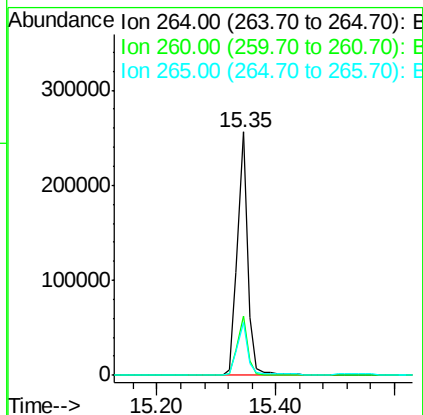
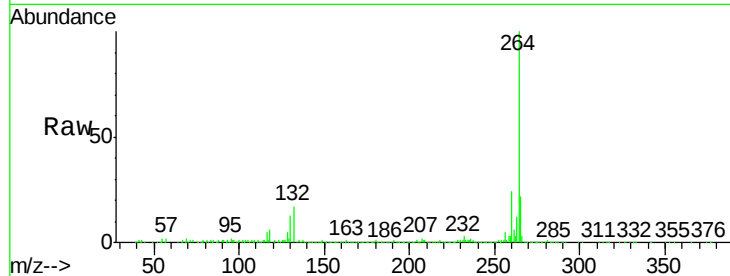




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

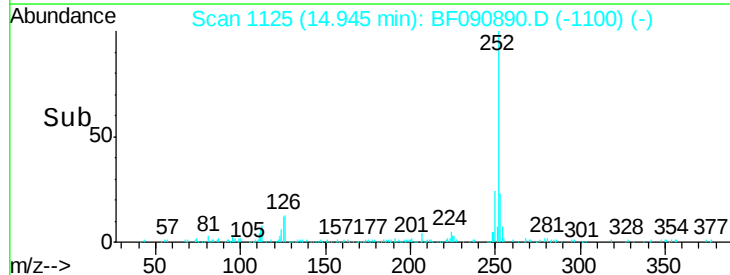
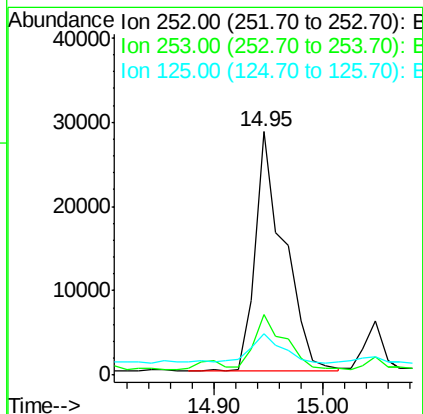
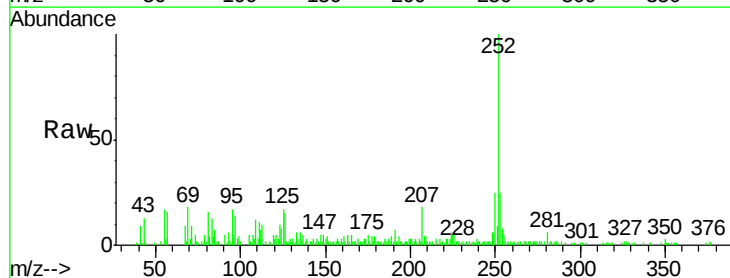
Instrument :
BNA_F
ClientSampleId :
SB-7COMP(0-16FEET)

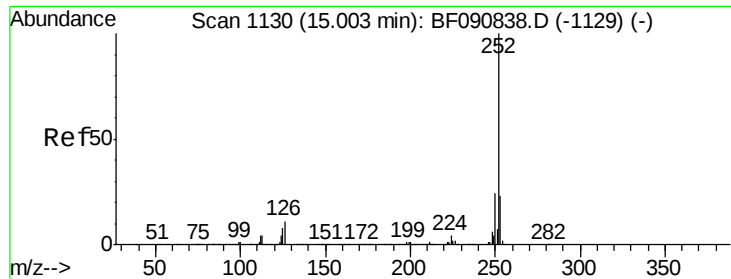
Tgt Ion:264 Resp: 312219
Ion Ratio Lower Upper
264 100
260 24.2 16.7 25.1
265 21.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.51 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF090890.D
Acq: 28 Oct 2016 2:03

Tgt Ion:252 Resp: 52737
Ion Ratio Lower Upper
252 100
253 24.8 17.5 26.3
125 16.8 17.1 25.7#





#88

Benzo(k)fluoranthene

Concen: 3.18 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.05 min

Lab File: BF090890.D

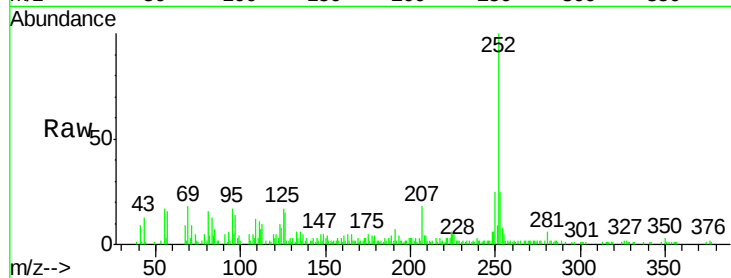
Acq: 28 Oct 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-7COMP(0-16FEET)



Tgt Ion:	252	Resp:	52737
Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.4
125	16.8	16.0	24.0

