

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086943.D
 Acq On : 12 May 2016 21:21
 Operator : UM/SJ
 Sample : H2968-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01

Quant Time: May 13 00:51:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

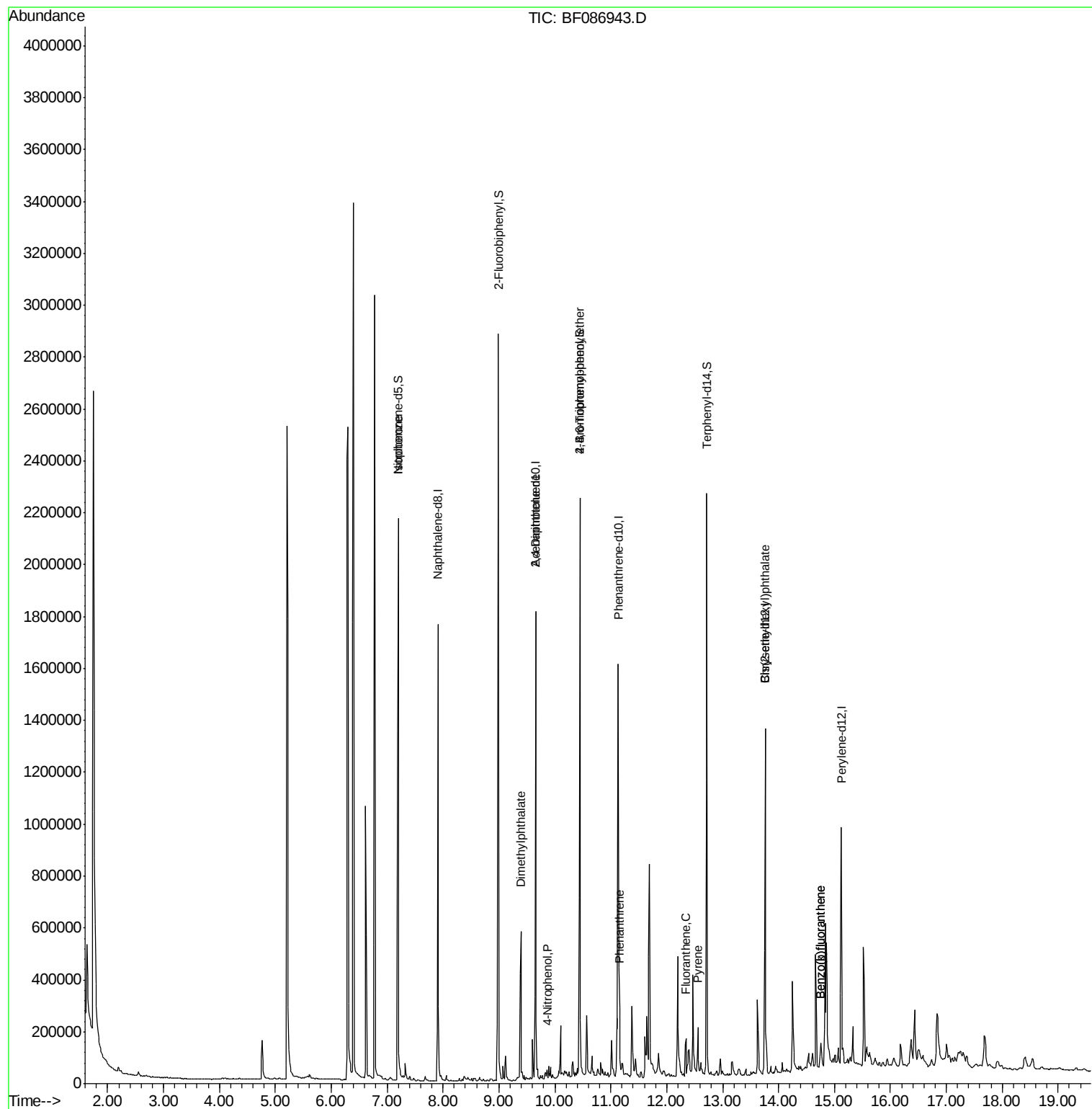
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	720879	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	325851	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	526669	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	362914	20.00	ng	-0.08
86) Perylene-d12	15.12	264	367859	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	849702	0.00	ng	-0.08
7) Phenol-d6	6.30	99	1212193	0.00	ng	-0.07
23) Nitrobenzene-d5	7.20	82	829276	57.76	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	236746	68.63	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1216529	62.75	ng	-0.07
78) Terphenyl-d14	12.72	244	750600	43.88	ng	-0.08
Target Compounds						
25) Isophorone	7.20	82	801226	30.08	ng	# 68
49) Dimethylphthalate	9.39	163	291693	11.73	ng	# 98
55) 4-Nitrophenol	9.86	139	1830	5.03	ng	# 14
56) 2,4-Dinitrotoluene	9.66	165	41794	6.46	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	15414	2.89	ng	# 1
70) Phenanthrene	11.15	178	64720	2.30	ng	99
74) Fluoranthene	12.34	202	79780	2.76	ng	91
77) Pyrene	12.56	202	65400	2.35	ng	97
83) Bis(2-ethylhexyl)phthalate	13.76	149	65054	4.60	ng	99
87) Benzo(b)fluoranthene	14.75	252	59558	2.49	ng	97
88) Benzo(k)fluoranthene	14.75	252	59558	3.04	ng	96

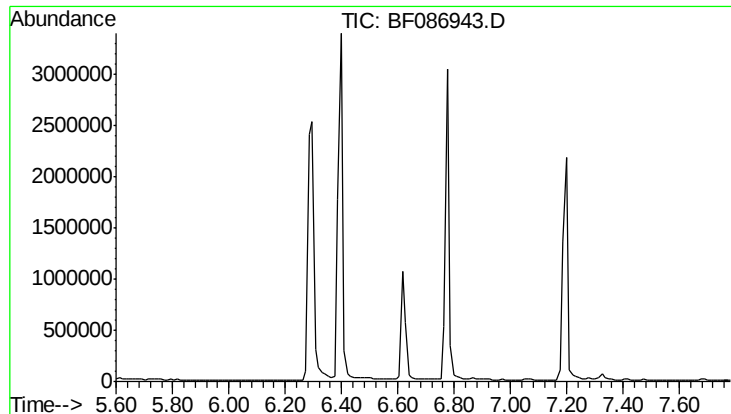
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-01

Quant Time: May 13 00:51:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

Instrument :

BNA_F

ClientSampleId :

SS-01

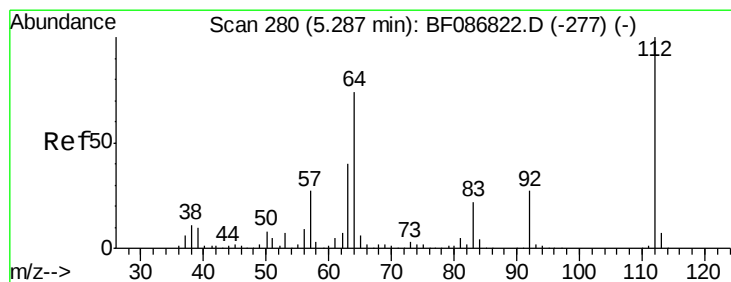
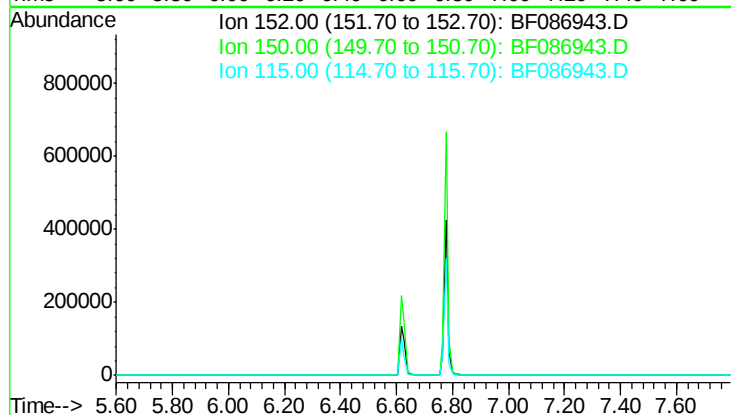
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

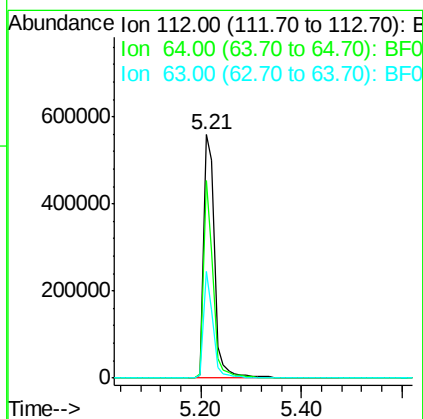
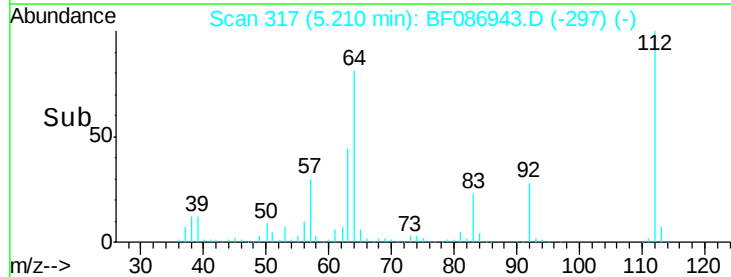
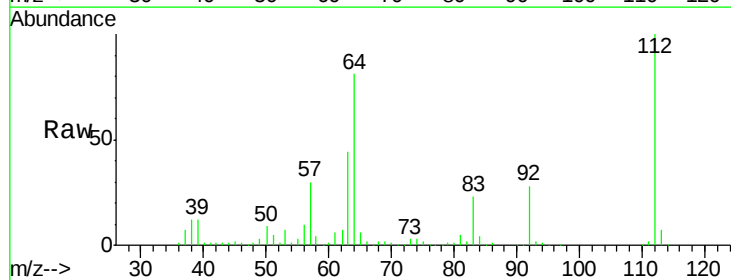
Tgt Ion:112 Resp: 849702

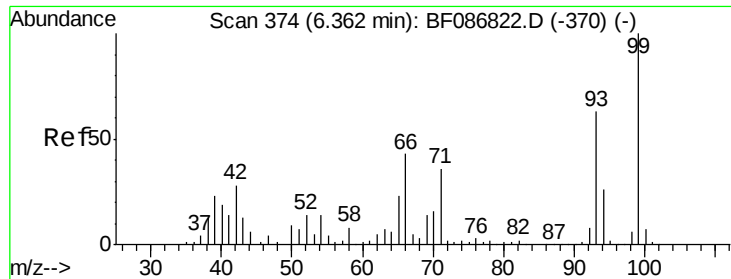
Ion Ratio Lower Upper

112 100

64 80.9 52.1 78.1#

63 43.8 25.7 38.5#





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

Instrument :

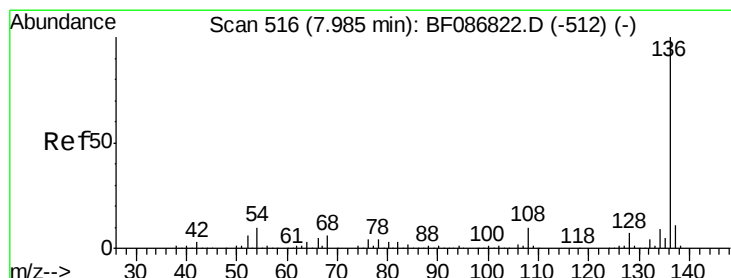
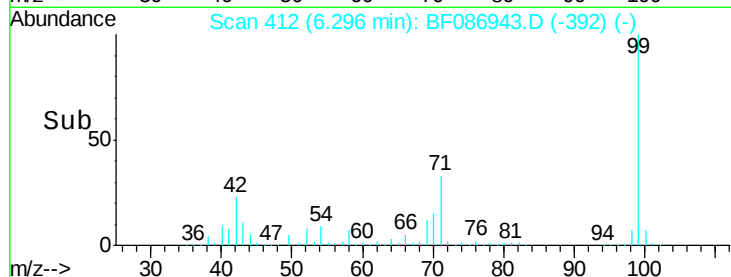
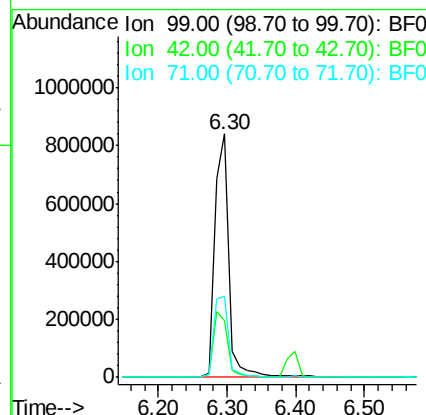
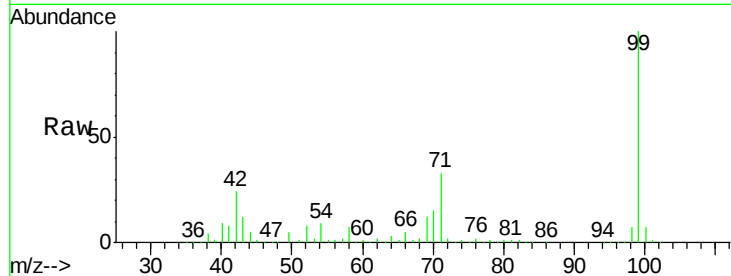
BNA_F

ClientSampled :

SS-01

Tgt Ion: 99 Resp: 1212193

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.6	20.4#
71	33.4	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

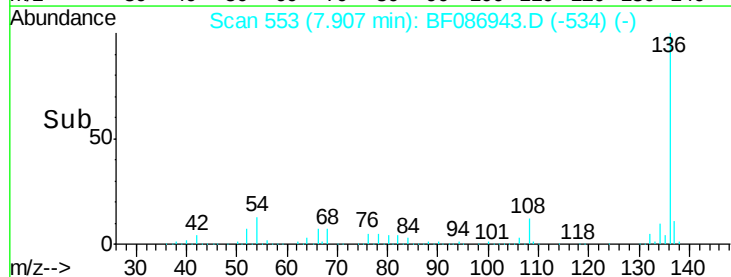
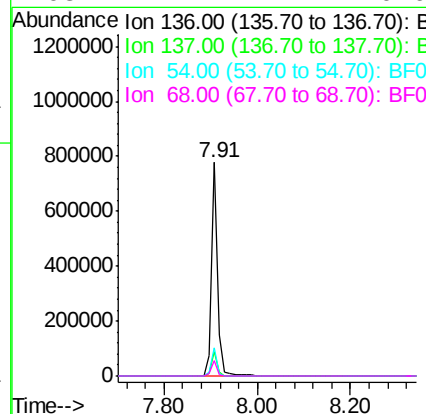
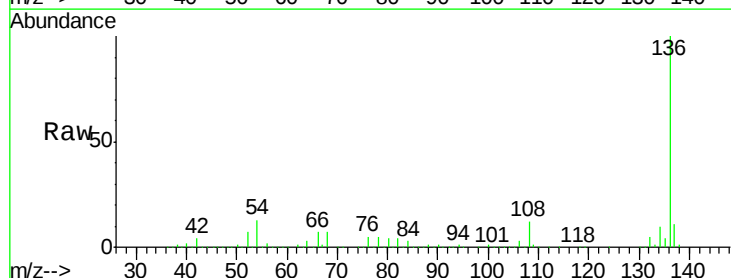
Delta R.T. -0.08 min

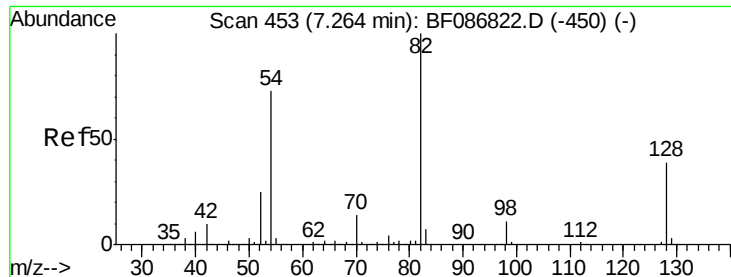
Lab File: BF086943.D

Acq: 12 May 2016 21:21

Tgt Ion: 136 Resp: 720879

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.5	5.0	7.4#
68	7.1	4.4	6.6#

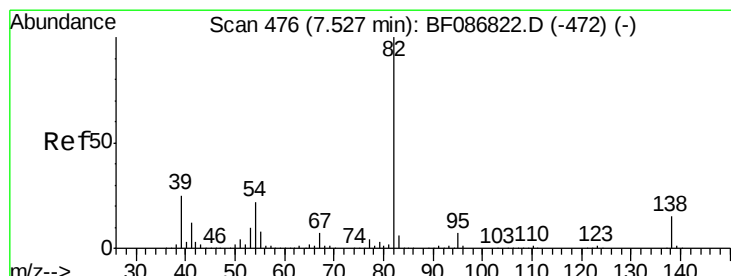
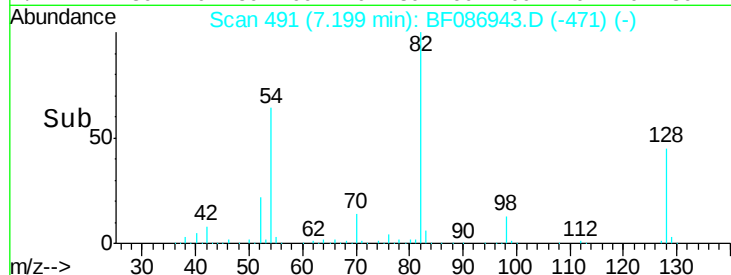
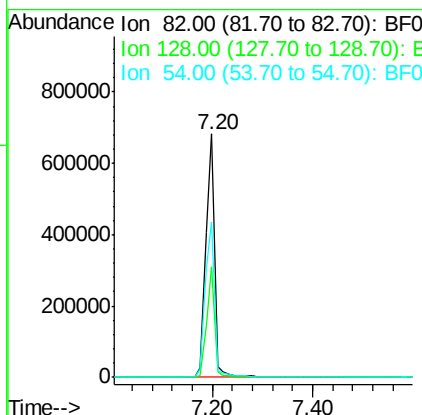
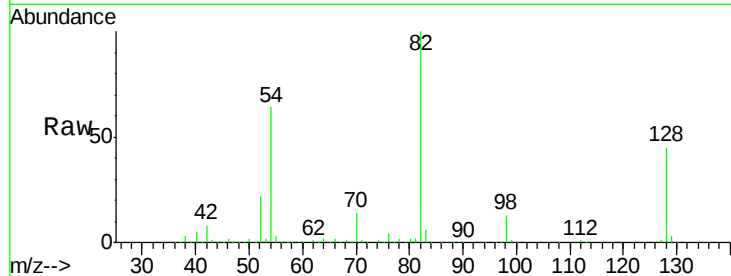




#23
 Nitrobenzene-d5
 Concen: 57.76 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

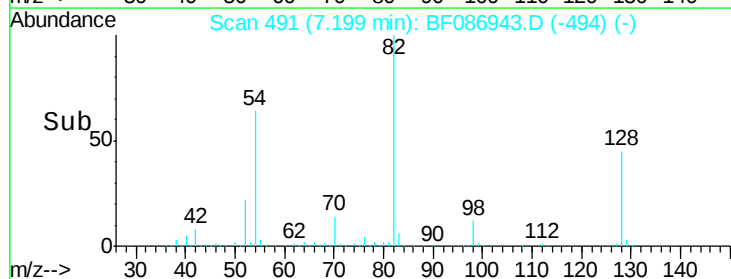
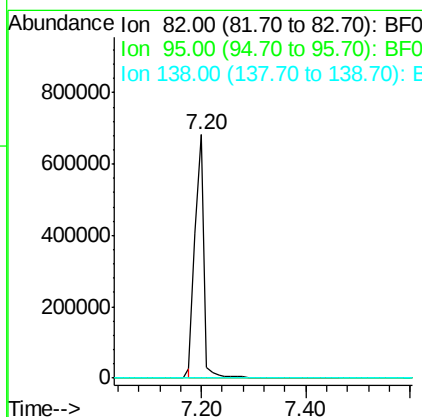
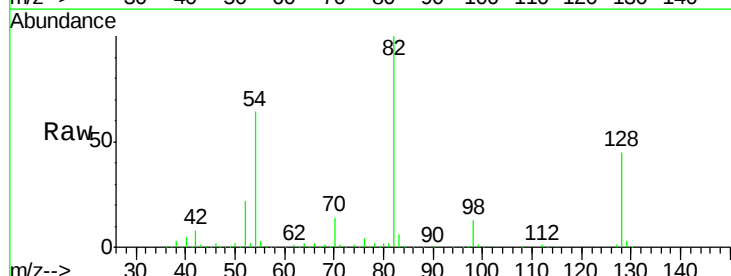
Instrument :
 BNA_F
 ClientSampleId :
 SS-01

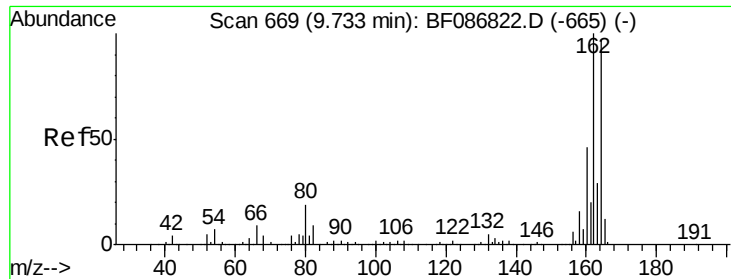
Tgt Ion: 82 Resp: 829276
 Ion Ratio Lower Upper
 82 100
 128 45.4 40.6 61.0
 54 63.8 38.1 57.1#



#25
 Isophorone
 Concen: 30.08 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.33 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

Tgt Ion: 82 Resp: 801226
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

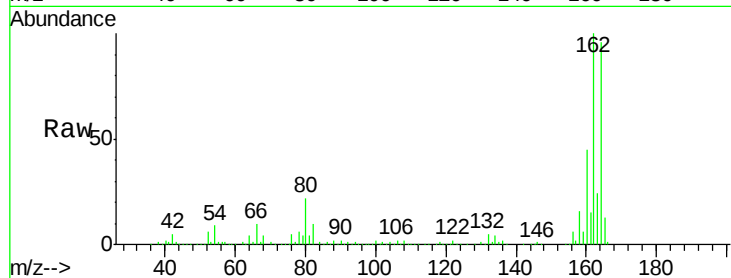




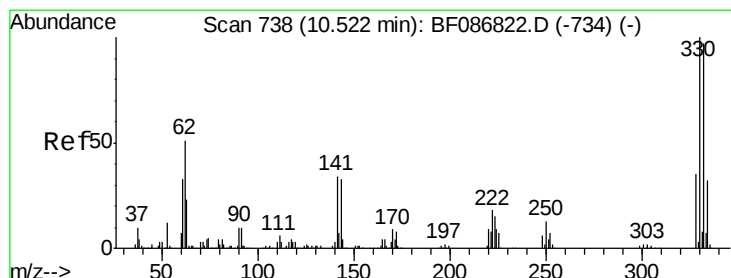
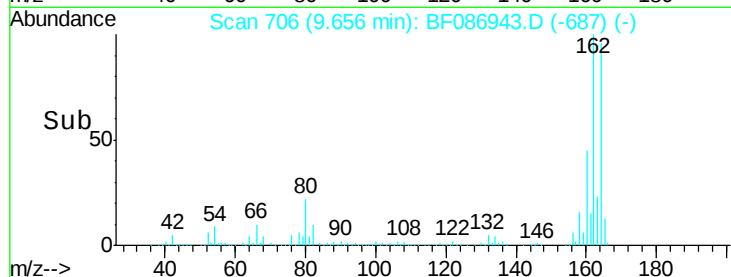
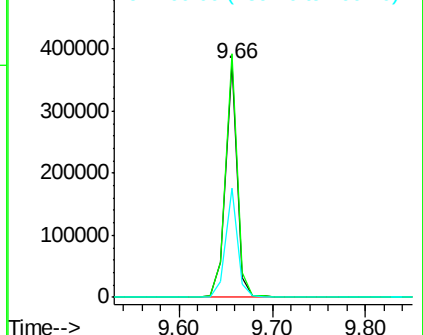
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.08 min
Lab File: BF086943.D
Acq: 12 May 2016 21:21

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:164 Resp: 325851
Ion Ratio Lower Upper
164 100
162 103.9 82.8 124.2
160 46.5 36.9 55.3

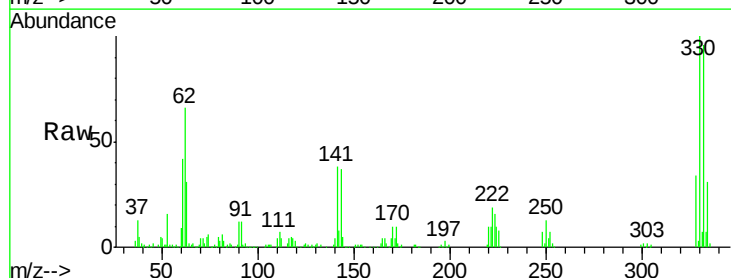


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

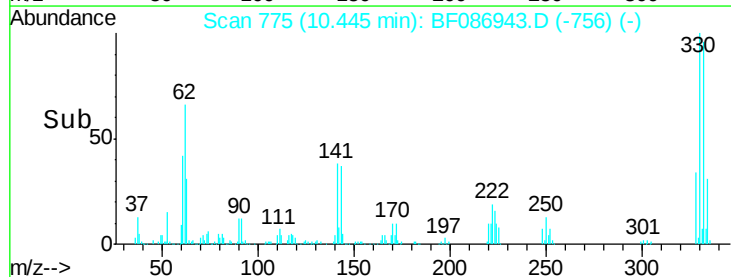
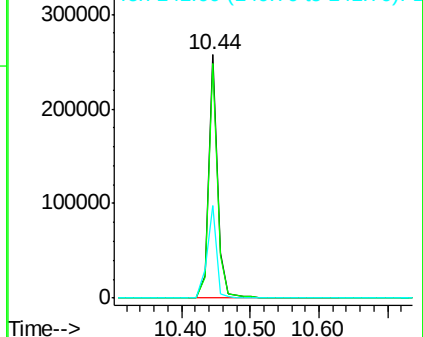


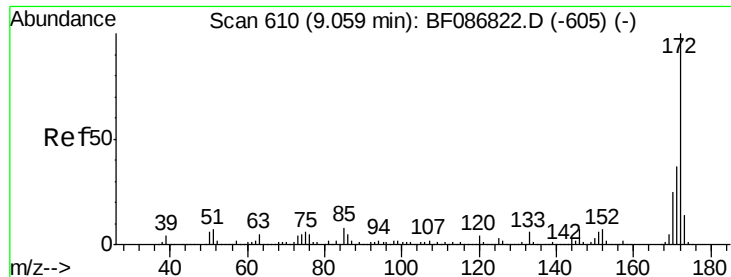
#41
2,4,6-Tribromophenol
Concen: 68.63 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF086943.D
Acq: 12 May 2016 21:21

Tgt Ion:330 Resp: 236746
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.4
141 40.5 31.2 46.8



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

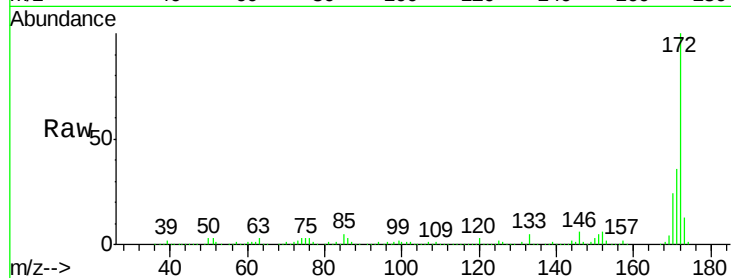




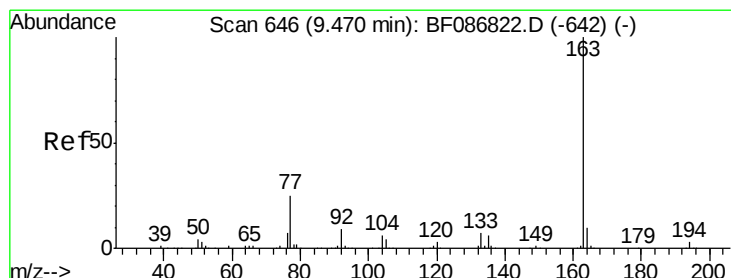
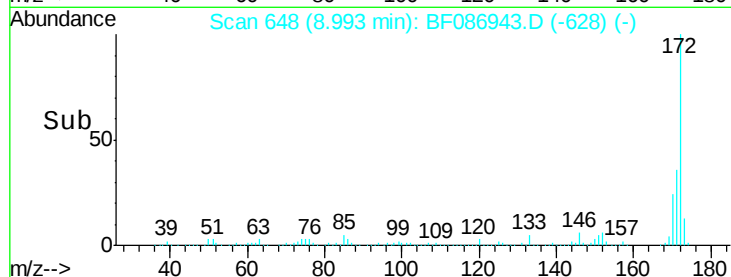
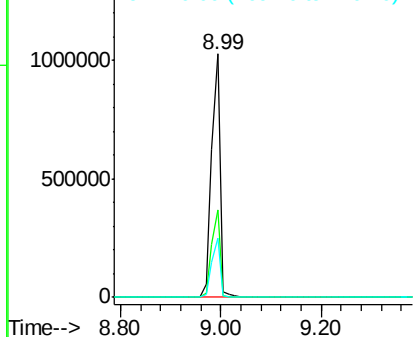
#44
 2-Fluorobiphenyl
 Concen: 62.75 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

Instrument :
 BNA_F
 ClientSampleId :
 SS-01

Tgt Ion:172 Resp: 1216529
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.4 19.8 29.8

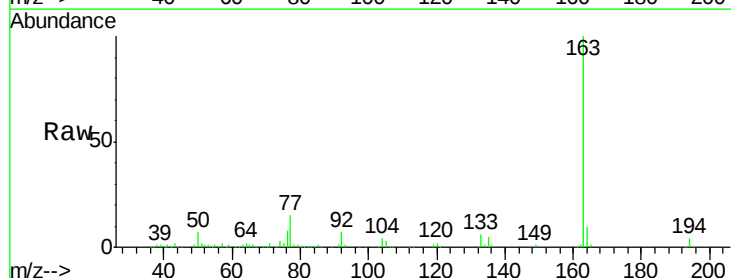


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

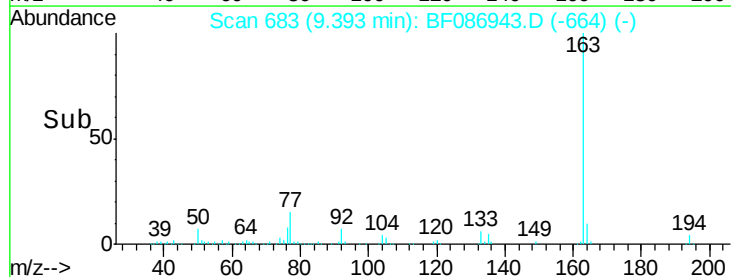
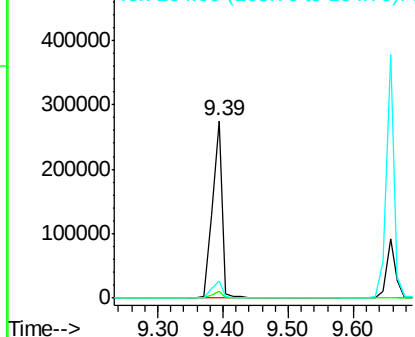


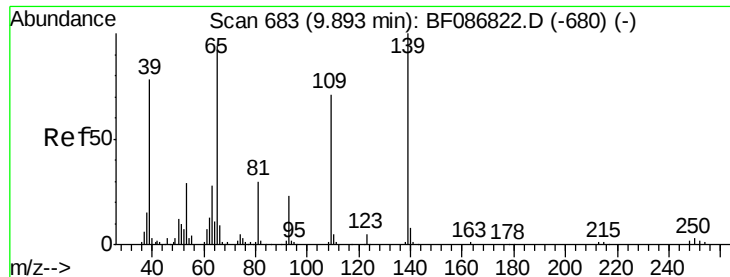
#49
 Dimethylphthalate
 Concen: 11.73 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.08 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

Tgt Ion:163 Resp: 291693
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.6 4.0
 164 9.5 8.2 12.4



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

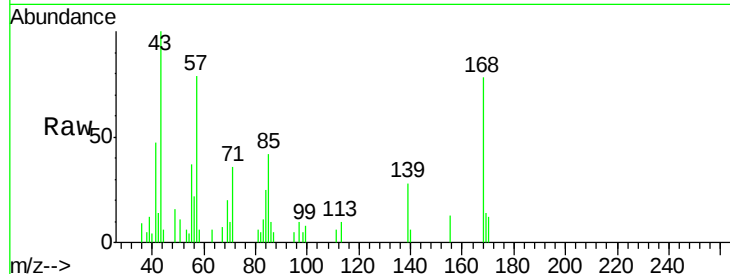




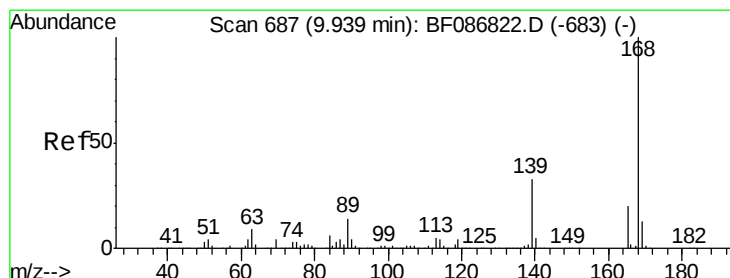
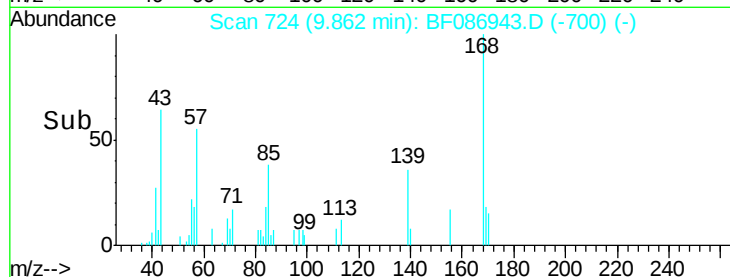
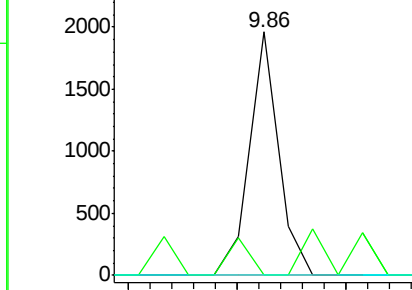
#55
4-Nitrophenol
Concen: 5.03 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF086943.D
Acq: 12 May 2016 21:21

Instrument :
BNA_F
ClientSampled :
SS-01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#



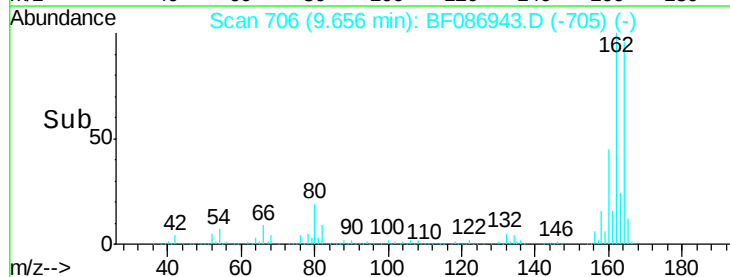
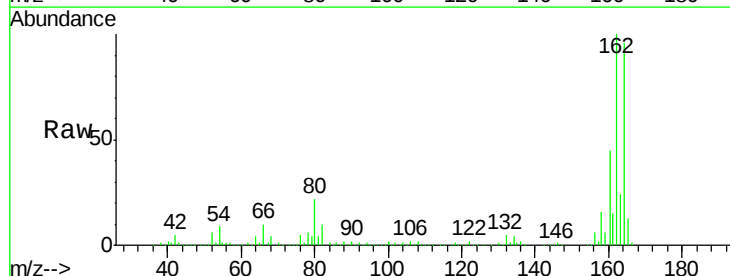
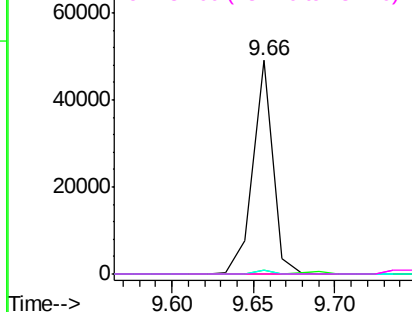
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

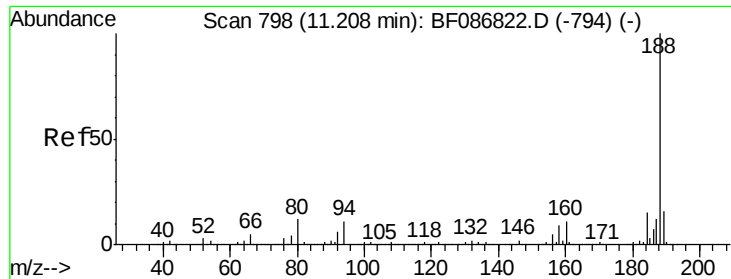


#56
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.28 min
Lab File: BF086943.D
Acq: 12 May 2016 21:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	1.9	70.0	105.0#
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

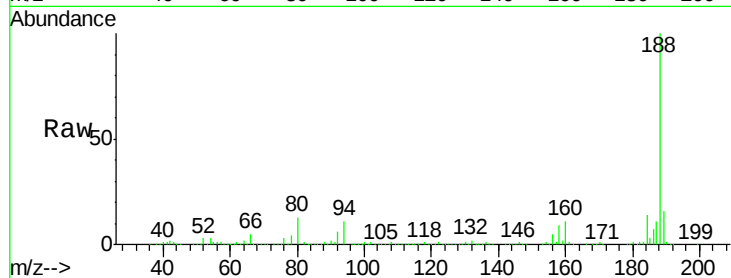




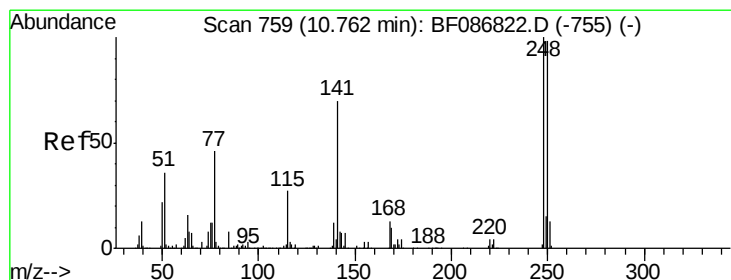
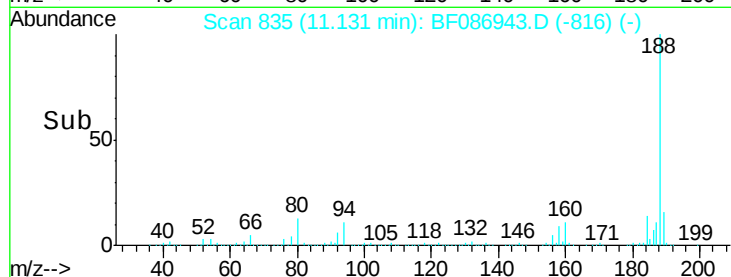
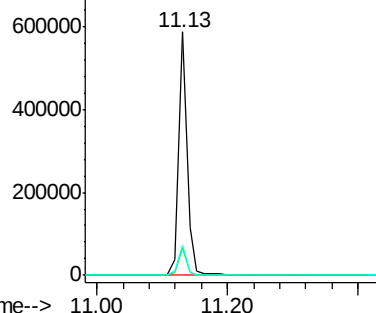
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF086943.D
Acq: 12 May 2016 21:21

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:188 Resp: 526669
Ion Ratio Lower Upper
188 100
94 11.2 6.8 10.2#
80 12.5 7.1 10.7#

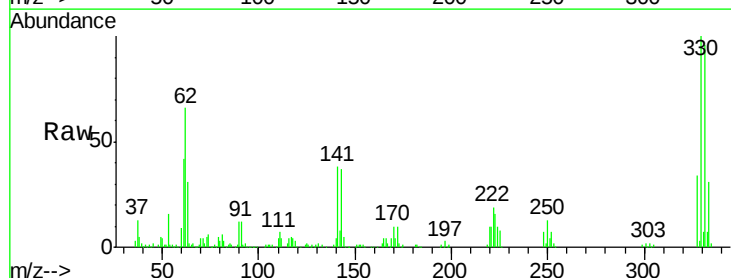


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

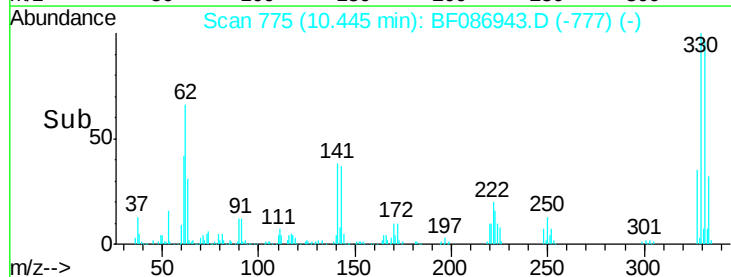
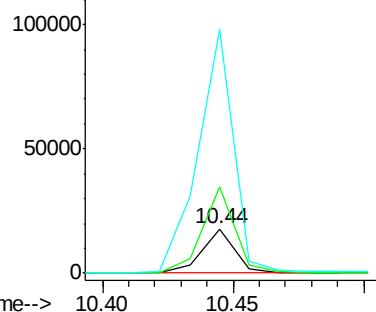


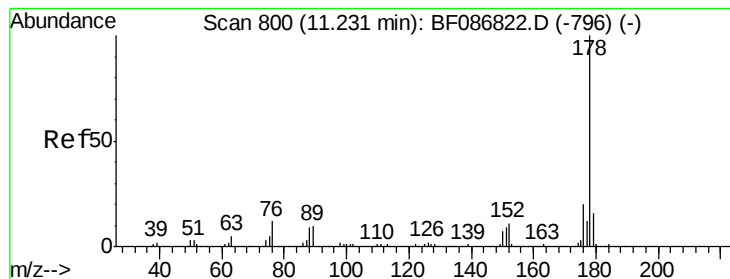
#66
4-Bromophenyl-phenylether
Concen: 2.89 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF086943.D
Acq: 12 May 2016 21:21

Tgt Ion:248 Resp: 15414
Ion Ratio Lower Upper
248 100
250 193.7 78.6 117.8#
141 548.2 76.0 114.0#



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





#70

Phenanthrene

Concen: 2.30 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.08 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

Instrument :

BNA_F

ClientSampleId :

SS-01

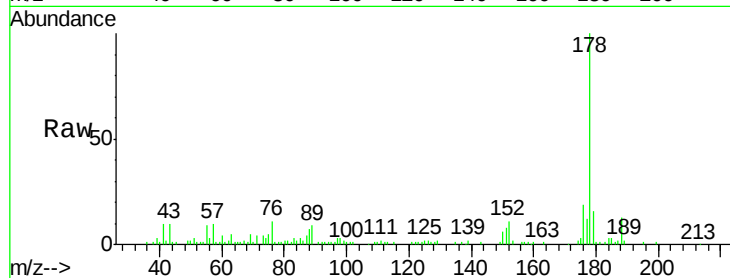
Tgt Ion:178 Resp: 64720

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

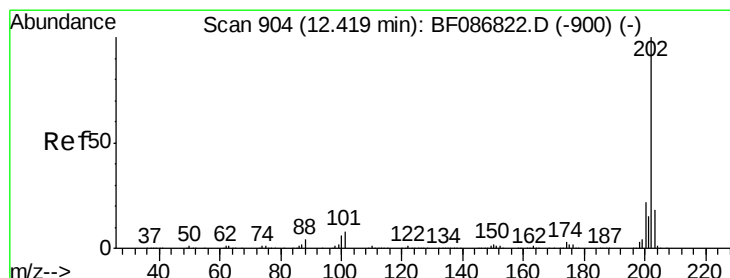
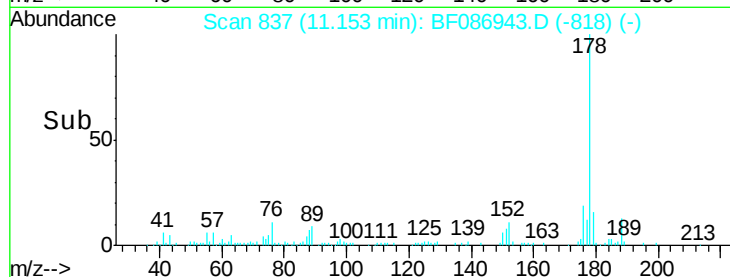
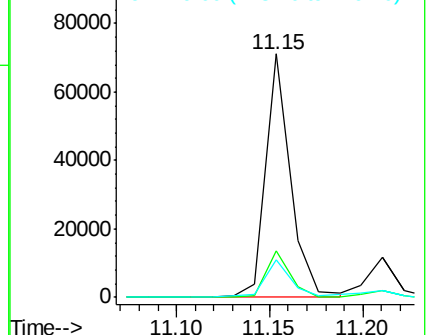
179 15.6 12.6 18.8



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: 2.76 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.08 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

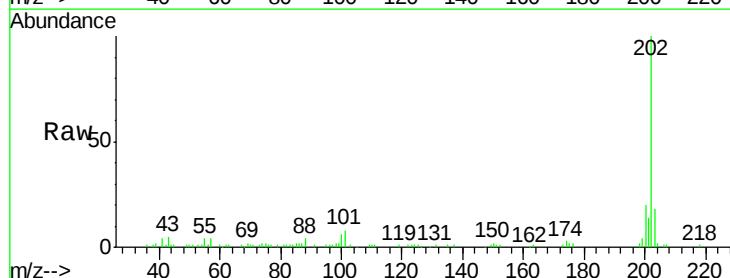
Tgt Ion:202 Resp: 79780

Ion Ratio Lower Upper

202 100

101 8.1 0.0 35.4

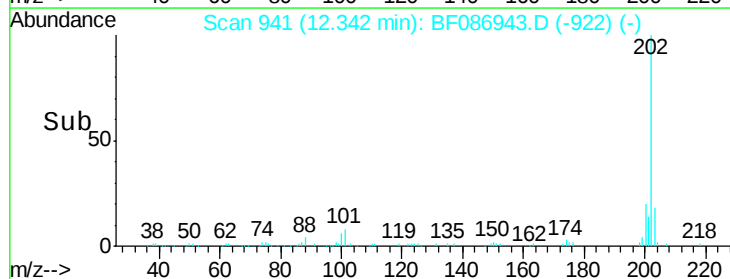
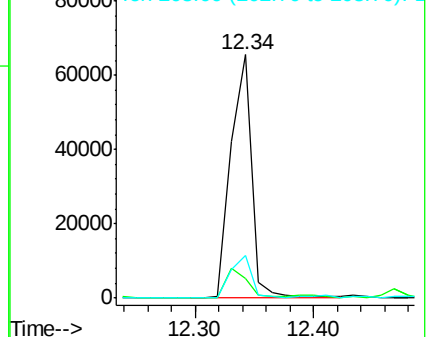
203 17.7 0.0 38.1

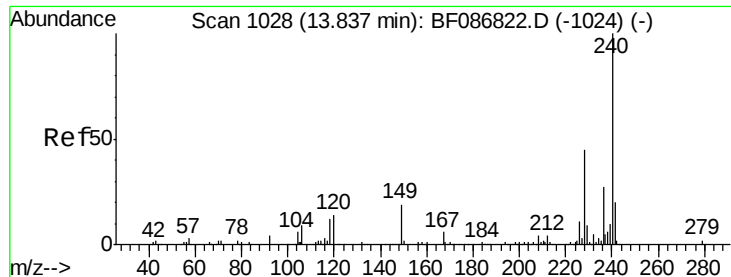


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

Instrument :

BNA_F

ClientSampled :

SS-01

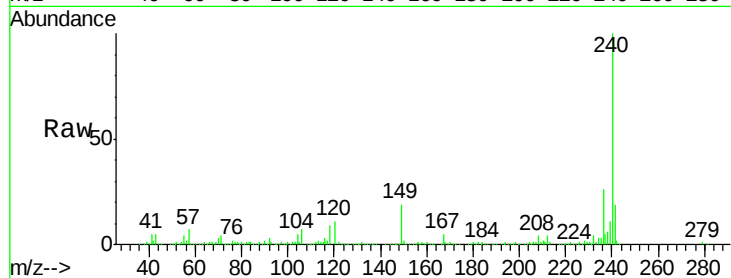
Tgt Ion:240 Resp: 362914

Ion Ratio Lower Upper

240 100

120 10.7 11.2 16.8#

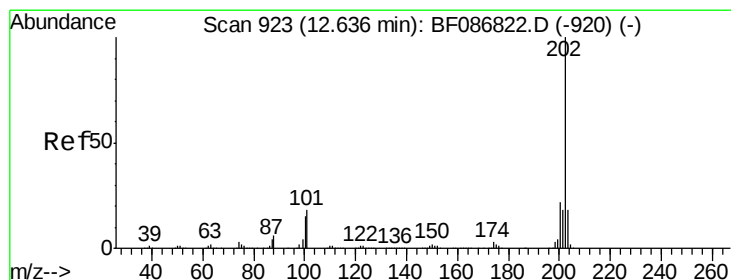
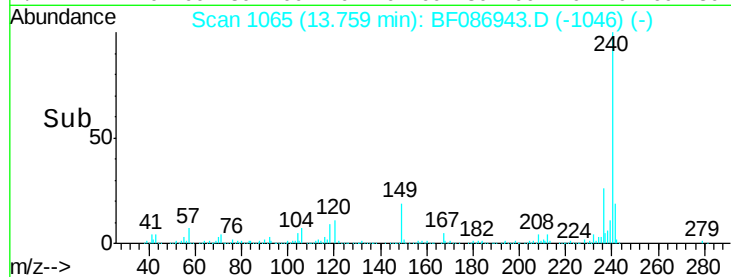
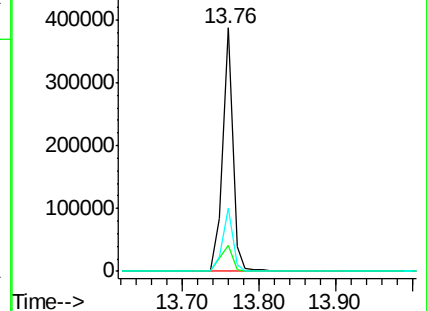
236 26.0 21.2 31.8



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: 2.35 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

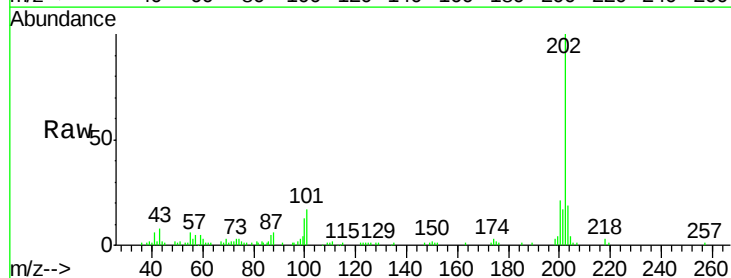
Tgt Ion:202 Resp: 65400

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

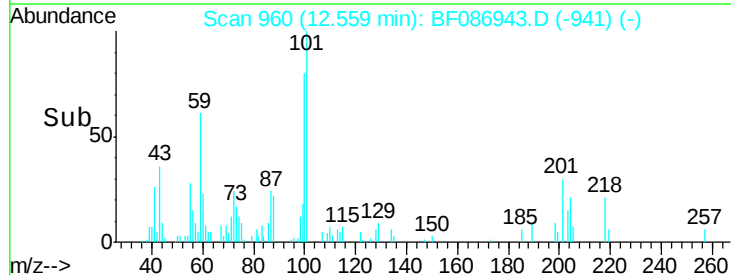
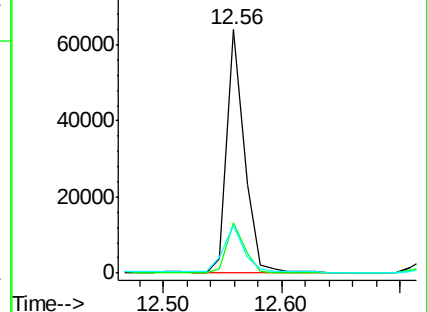
203 19.4 14.2 21.4

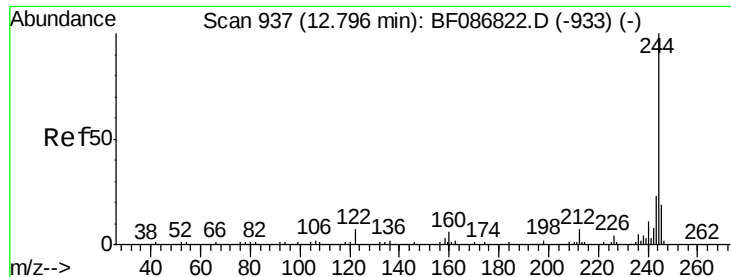


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

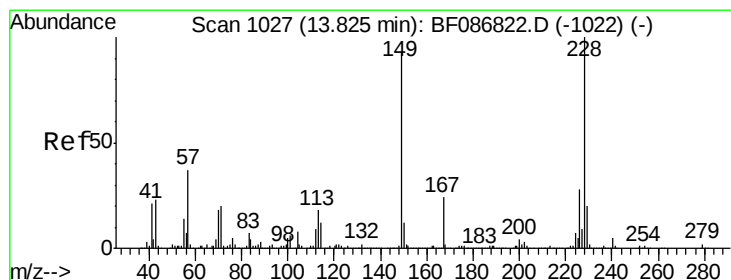
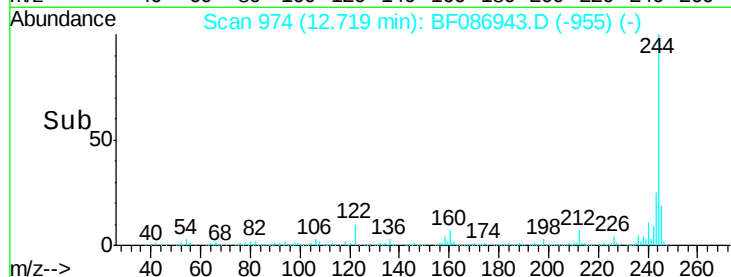
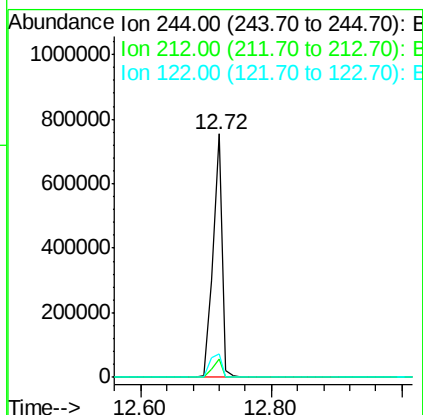
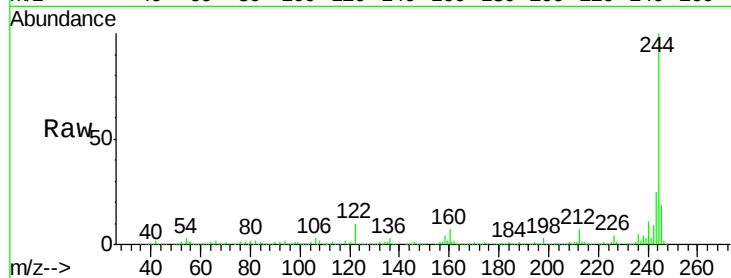




#78
 Terphenyl-d14
 Concen: 43.88 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.08 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

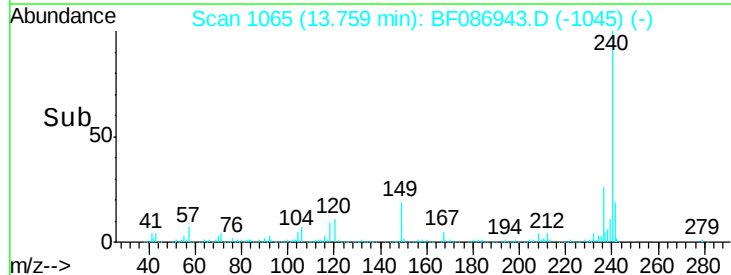
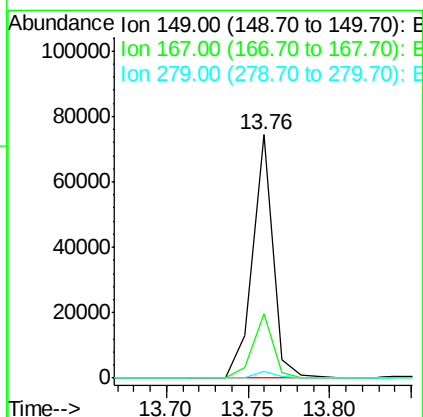
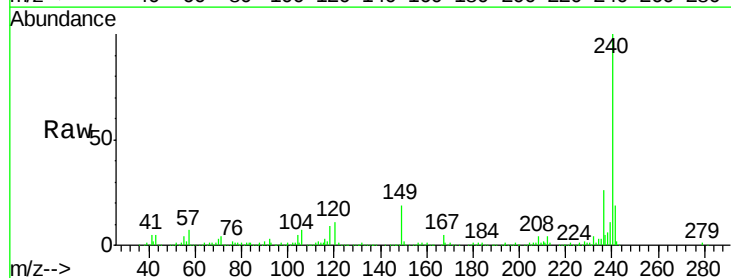
Instrument :
 BNA_F
 ClientSampleId :
 SS-01

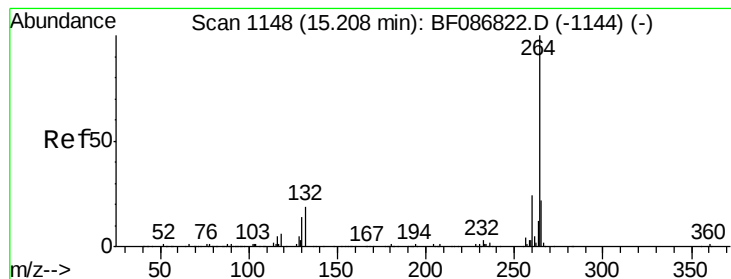
Tgt Ion: 244 Resp: 750600
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.6 12.0 18.0#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.60 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.07 min
 Lab File: BF086943.D
 Acq: 12 May 2016 21:21

Tgt Ion: 149 Resp: 65054
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.6
 279 2.9 2.6 4.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.12 min Scan# 1184

Delta R.T. -0.09 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

Instrument :

BNA_F

ClientSampleId :

SS-01

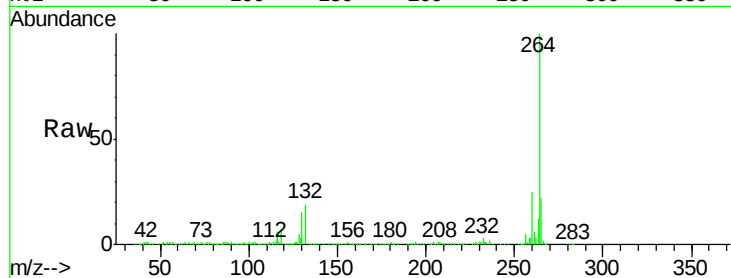
Tgt Ion:264 Resp: 367859

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

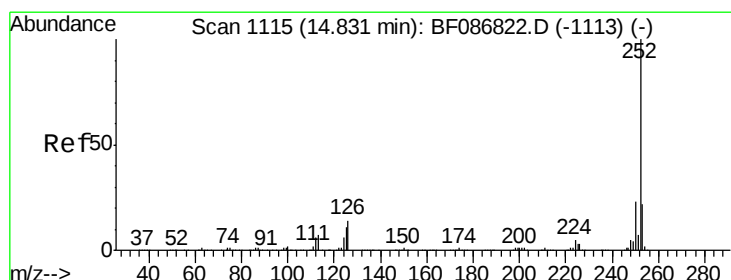
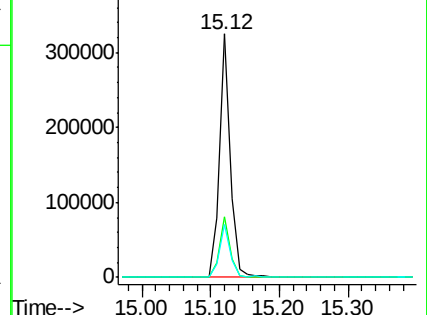
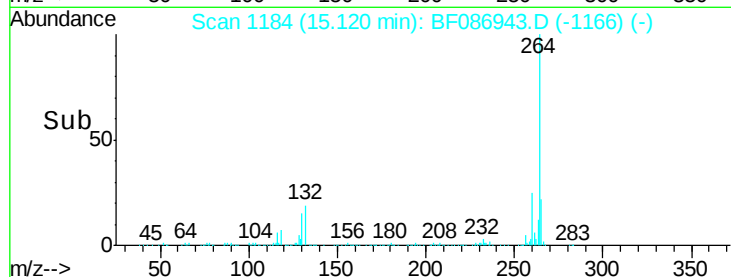
265 21.7 17.3 25.9



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



#87

Benzo(b)fluoranthene

Concen: 2.49 ng

RT: 14.75 min Scan# 1152

Delta R.T. -0.08 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

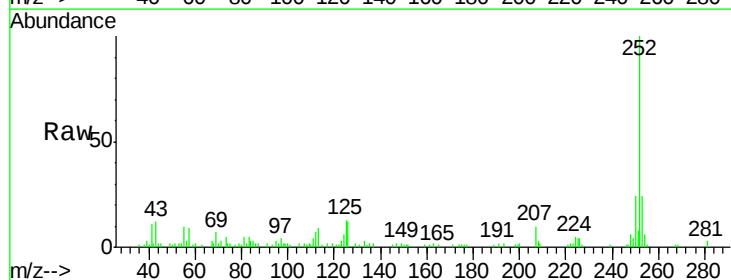
Tgt Ion:252 Resp: 59558

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

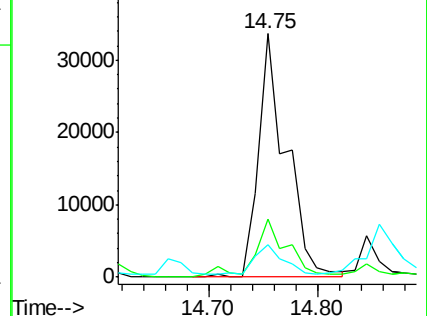
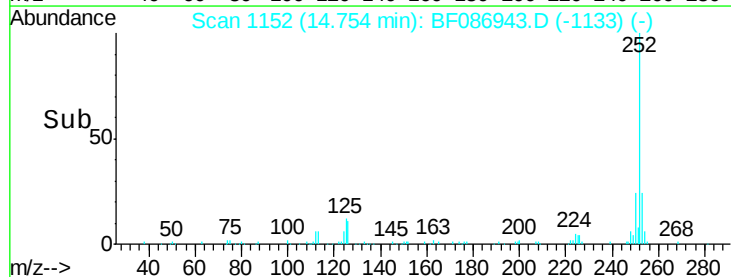
125 13.2 11.4 17.0

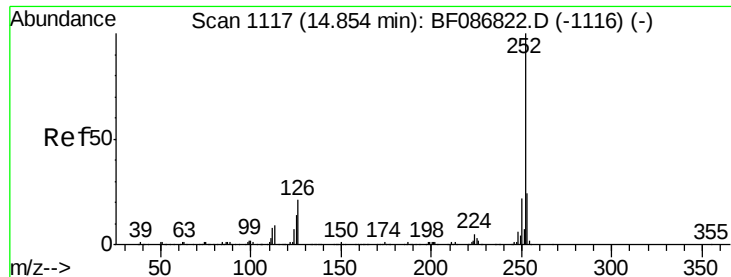


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.04 ng

RT: 14.75 min Scan# 1152

Delta R.T. -0.10 min

Lab File: BF086943.D

Acq: 12 May 2016 21:21

Instrument :

BNA_F

ClientSampleId :

SS-01

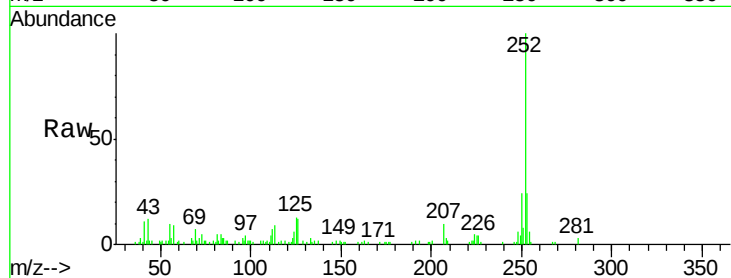
Tgt Ion: 252 Resp: 59558

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

125 13.2 9.1 13.7



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

