

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084740.D
 Acq On : 2 Feb 2016 5:36
 Operator : SJ/IZ
 Sample : H1285-18 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(10-12.5)

Quant Time: Feb 02 06:28:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155194	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	608345	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	236829	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	365272	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	349647	20.00	ng	0.01
86) Perylene-d12	15.29	264	342906	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	266515	26.75	ng	-0.01
7) Phenol-d6	6.36	99	319060	25.83	ng	-0.01
23) Nitrobenzene-d5	7.28	82	203478	18.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	58245	23.58	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	307904	16.50	ng	-0.01
78) Terphenyl-d14	12.82	244	206635	13.39	ng	-0.01

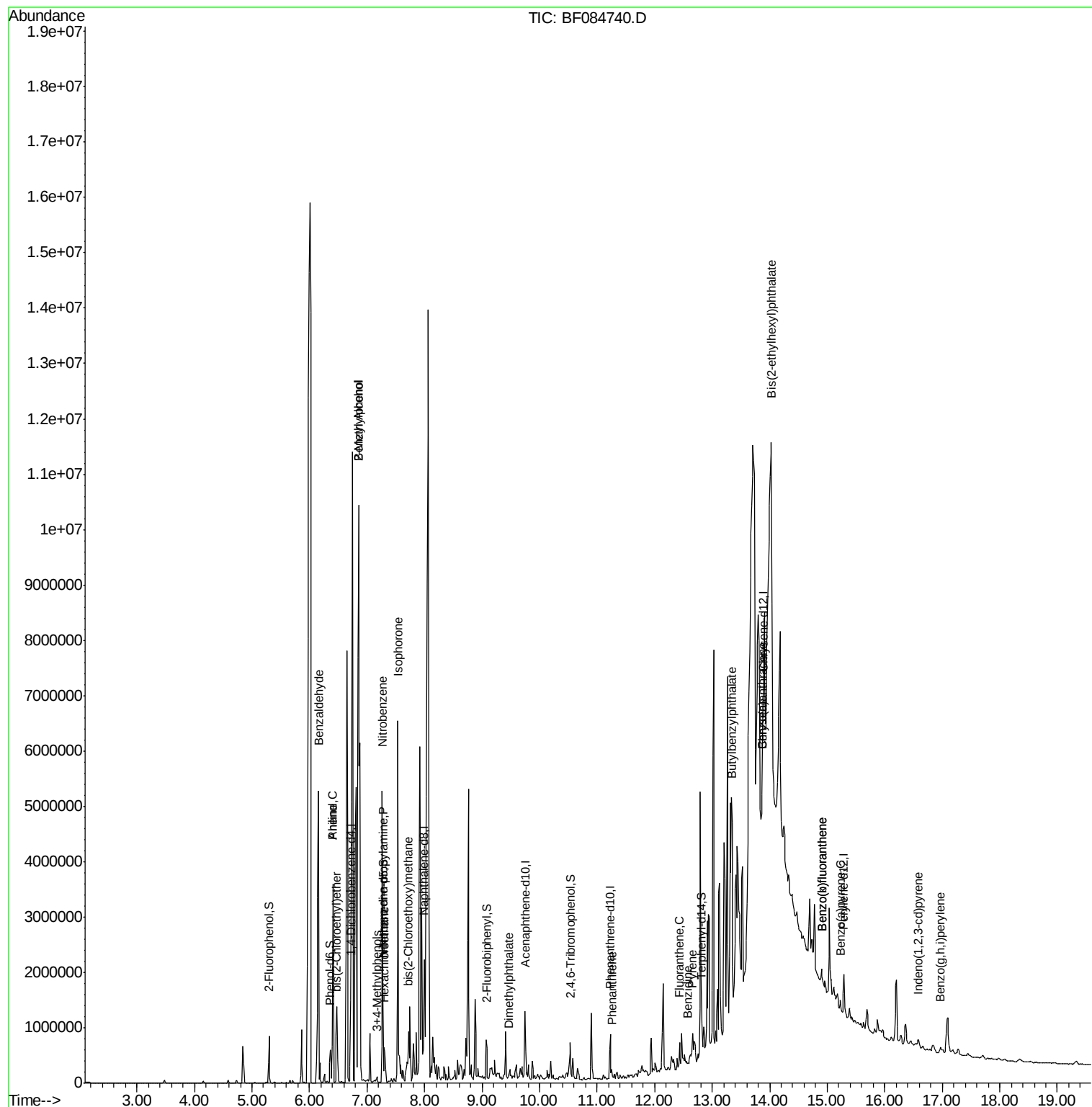
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.41	93	708347	46.87	ng	# 37
9) Benzaldehyde	6.16	77	338133	46.36	ng	# 22
10) Phenol	6.41	94	102340	7.40	ng	# 56
11) bis(2-Chloroethyl)ether	6.46	93	175478	16.26	ng	# 28
15) Benzyl Alcohol	6.85	79	1405071	164.73	ng	# 53
17) 2-Methylphenol	6.85	107	518786	58.16	ng	# 1
18) Hexachloroethane	7.30	117	109899	23.96	ng	# 4
19) n-Nitroso-di-n-propylamine	7.28	70	25573	3.30	ng	# 66
20) 3+4-Methylphenols	7.17	107	31559	2.85	ng	# 62
24) Nitrobenzene	7.26	77	268379	23.21	ng	# 38
25) Isophorone	7.54	82	193975	9.24	ng	# 49
28) bis(2-Chloroethoxy)methane	7.72	93	105695	8.48	ng	# 95
49) Dimethylphthalate	9.47	163	37106	2.06	ng	# 90
60) 4-Chlorophenyl-phenylether	10.45	204	2078	Below Cal		# 24
70) Phenanthrene	11.25	178	63709	3.14	ng	99
74) Fluoranthene	12.43	202	209637	10.22	ng	98
76) Benzidine	12.58	184	1995	7.00	ng	# 1
77) Pyrene	12.66	202	197158	7.36	ng	99
79) Butylbenzylphthalate	13.35	149	32616	2.69	ng	# 1
80) Benzo(a)anthracene	13.87	228	95531	4.40	ng	# 82
82) Chrysene	13.87	228	95531	4.54	ng	# 86
83) Bis(2-ethylhexyl)phthalate	14.03	149	176889	11.70	ng	# 40
85) Indeno(1,2,3-cd)pyrene	16.58	276	64757	3.91	ng	93
87) Benzo(b)fluoranthene	14.91	252	150126	6.52	ng	# 87
88) Benzo(k)fluoranthene	14.91	252	150126	7.88	ng	# 91
89) Benzo(a)pyrene	15.23	252	91983	4.69	ng	# 90
91) Benzo(g,h,i)perylene	16.97	276	64124	3.85	ng	95

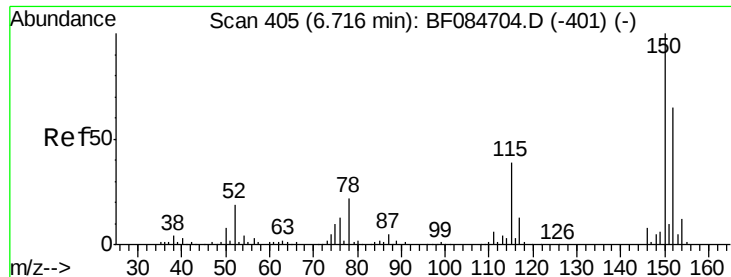
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SUP-B012(10-12.5)

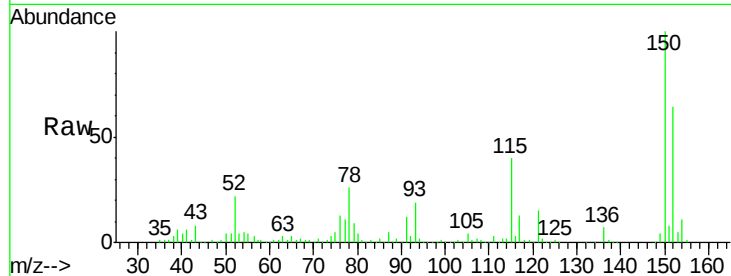
Tgt Ion:152 Resp: 155194

Ion Ratio Lower Upper

152 100

150 156.6 123.0 184.4

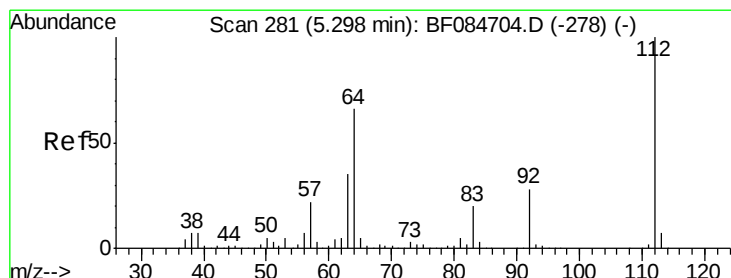
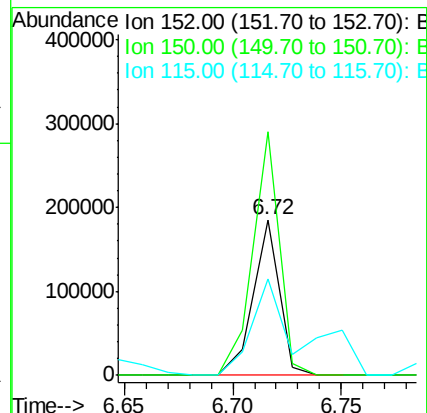
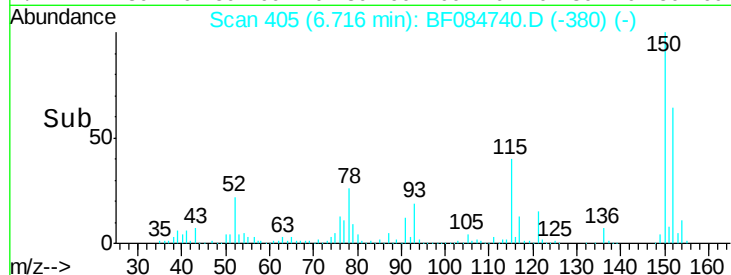
115 62.0 51.4 77.2



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: 26.75 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

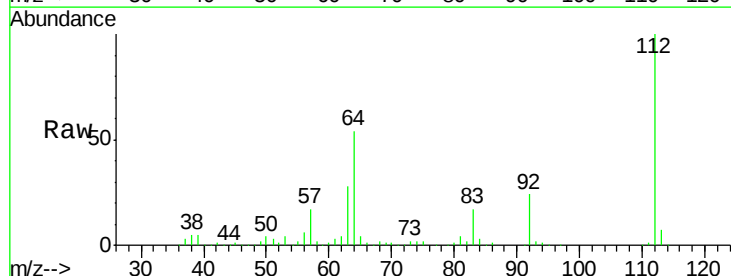
Tgt Ion:112 Resp: 266515

Ion Ratio Lower Upper

112 100

64 54.4 36.6 55.0

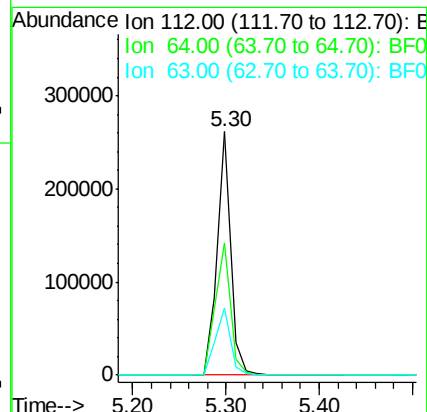
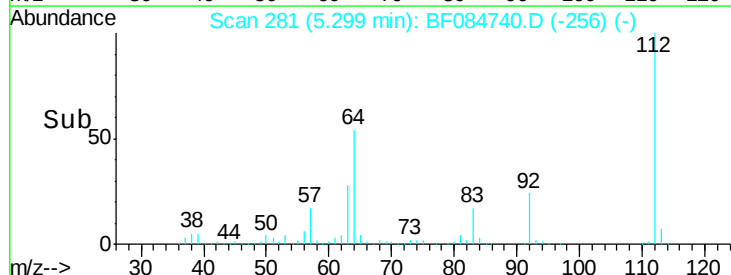
63 27.5 19.4 29.0

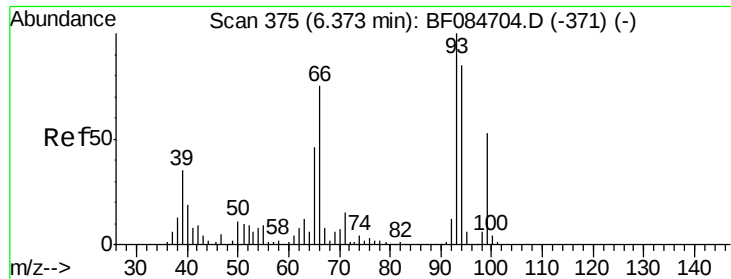


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 46.87 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.02 min

Lab File: BF084740.D

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Instrument :

BNA_F

ClientSampleId :

SUP-B012(10-12.5)

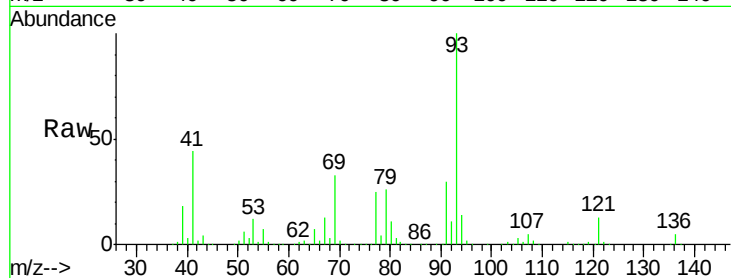
Tgt Ion: 93 Resp: 708347

Ion Ratio Lower Upper

93 100

66 2.1 44.9 67.3#

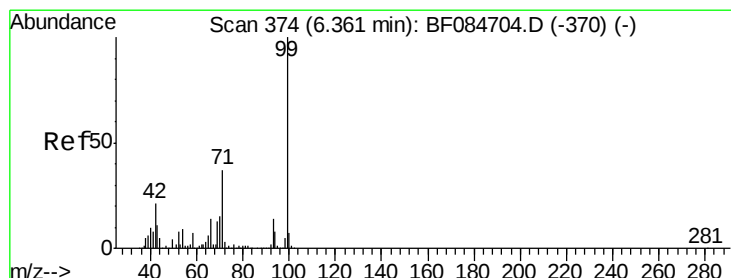
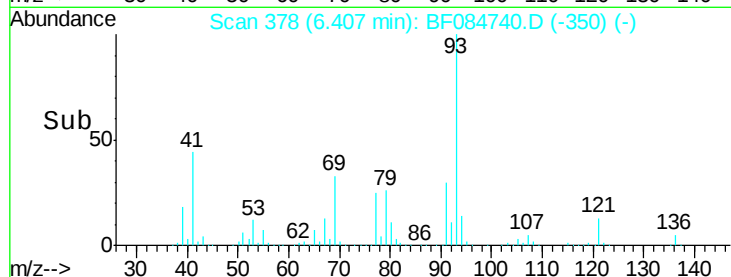
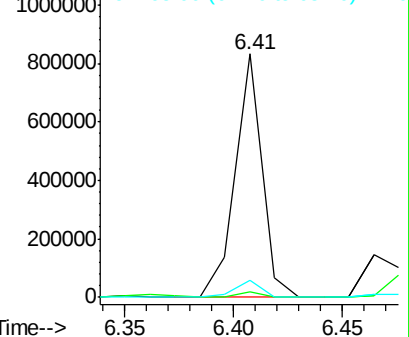
65 6.8 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 25.83 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

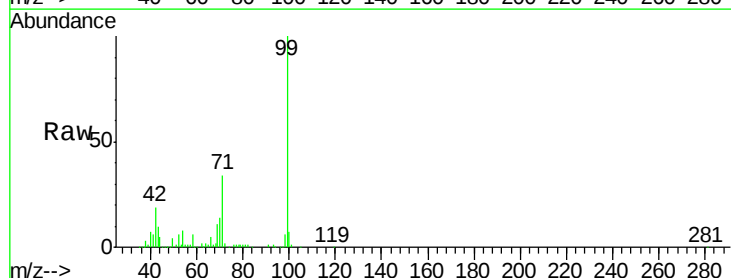
Tgt Ion: 99 Resp: 319060

Ion Ratio Lower Upper

99 100

42 18.8 12.8 19.2

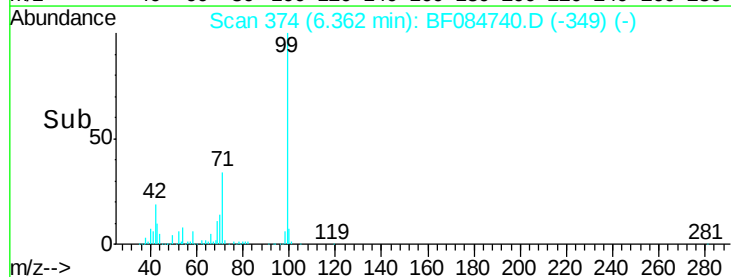
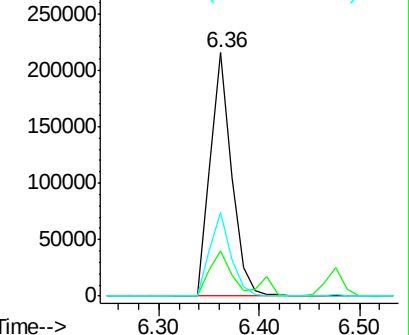
71 34.3 30.9 46.3

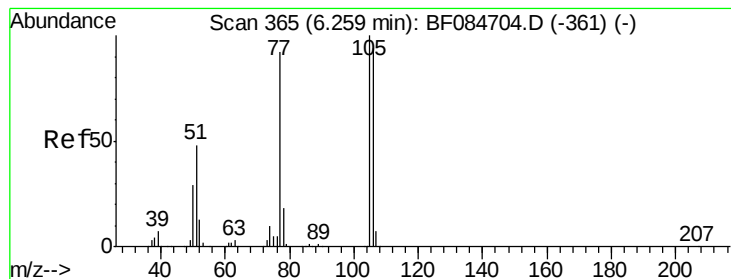


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 46.36 ng

RT: 6.16 min Scan# 356

Delta R.T. -0.11 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SUP-B012(10-12.5)

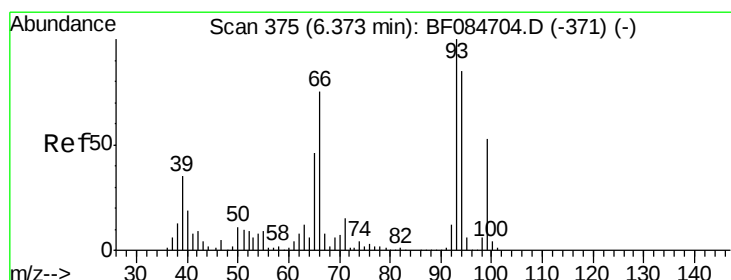
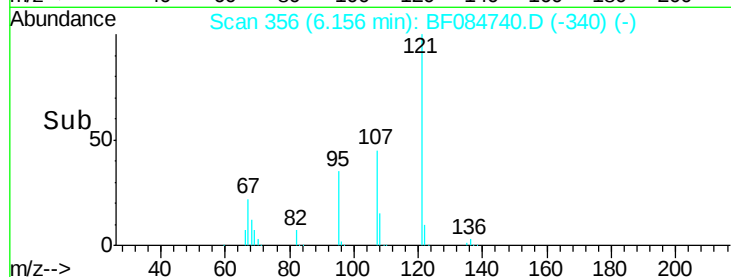
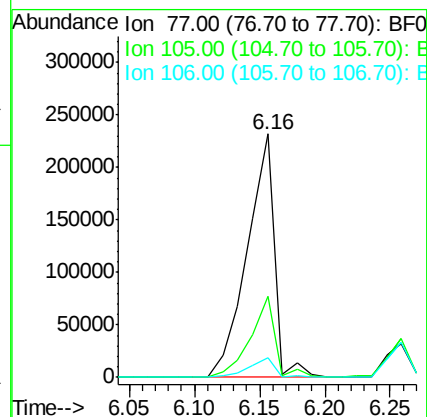
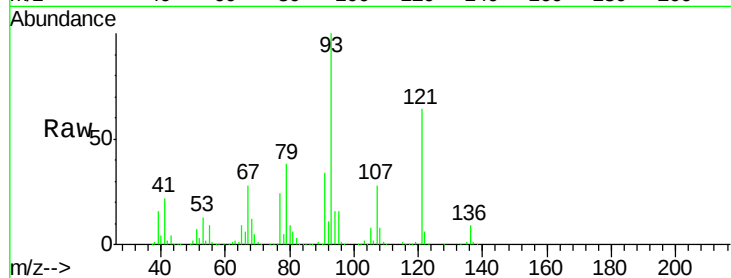
Tgt Ion: 77 Resp: 338133

Ion Ratio Lower Upper

77 100

105 33.3 83.0 123.0#

106 8.0 74.6 114.6#



#10

Phenol

Concen: 7.40 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.02 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

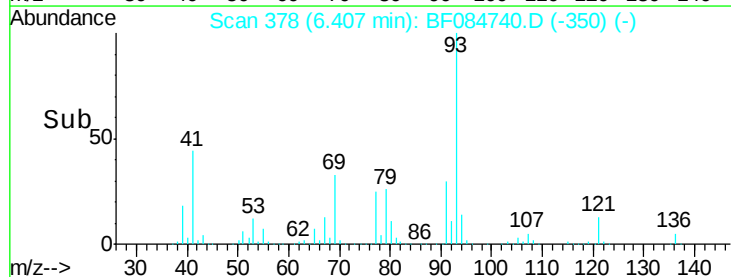
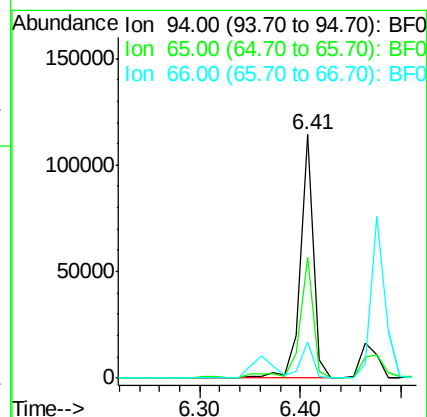
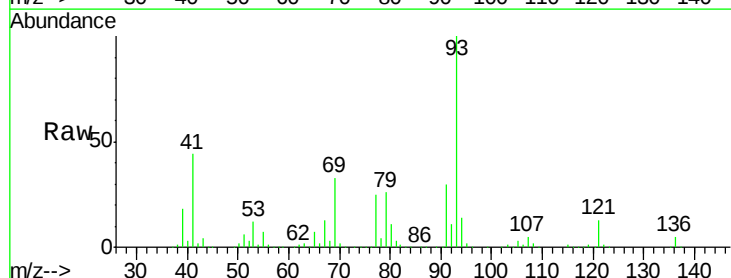
Tgt Ion: 94 Resp: 102340

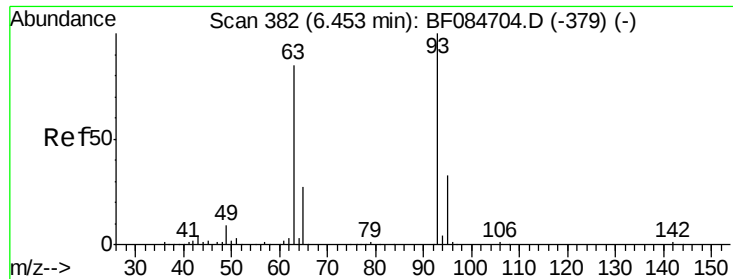
Ion Ratio Lower Upper

94 100

65 49.3 12.9 52.9

66 15.0 32.7 72.7#

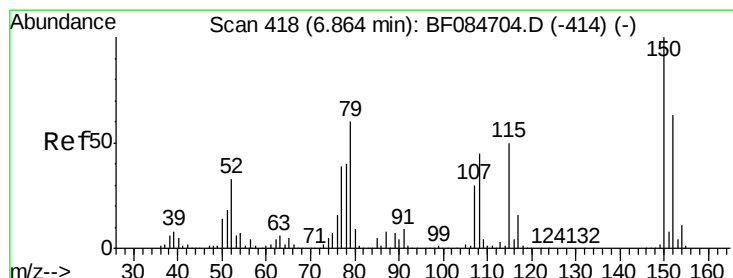
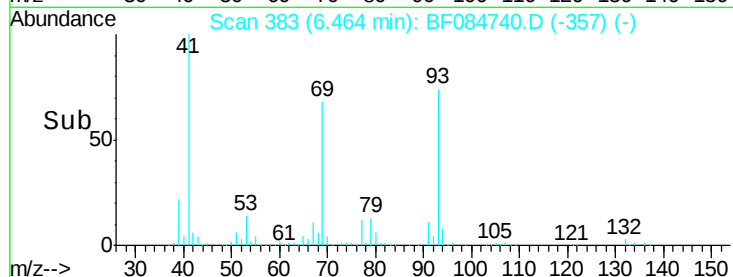
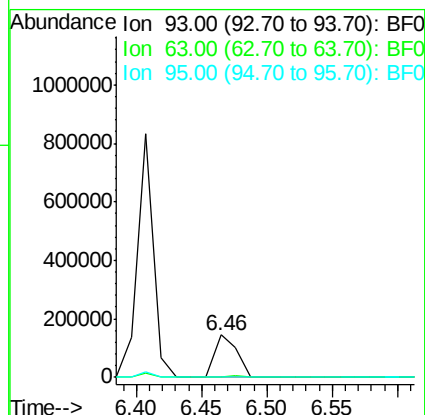
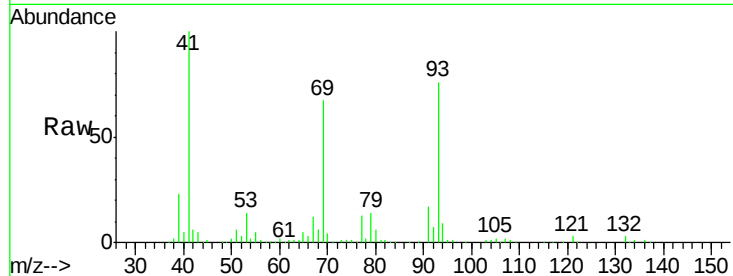




#11
bis(2-Chloroethyl)ether
Concen: 16.26 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

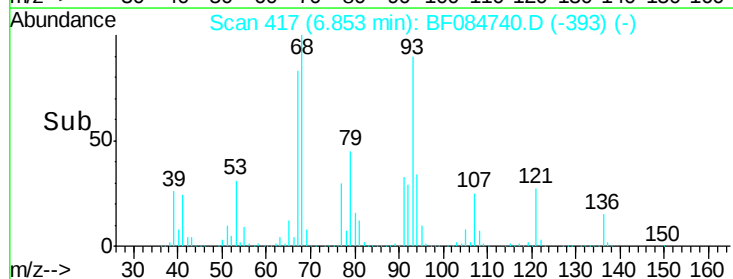
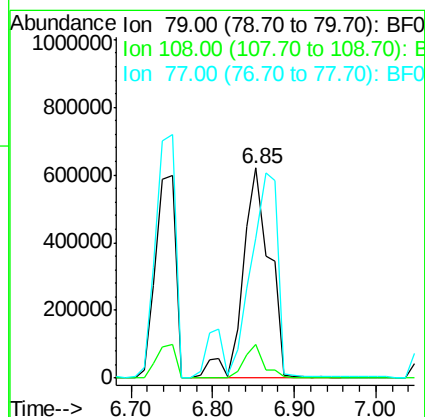
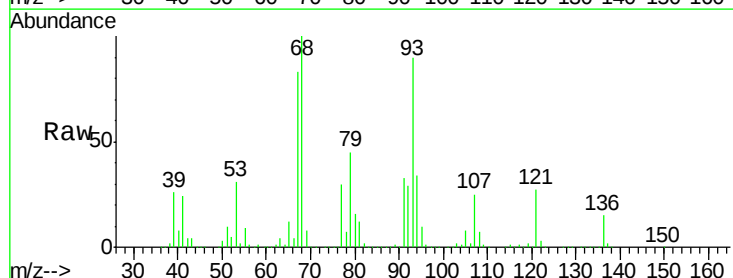
Instrument :
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SUP-B012(10-12.5)

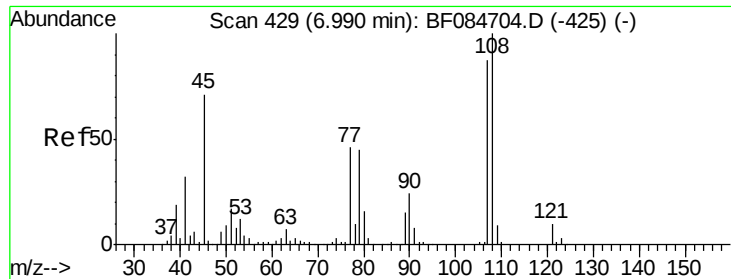
Tgt Ion: 93 Resp: 175478
Ion Ratio Lower Upper
93 100
63 1.9 45.9 85.9#
95 1.3 12.3 52.3#



#15
Benzyl Alcohol
Concen: 164.73 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion: 79 Resp: 1405071
Ion Ratio Lower Upper
79 100
108 15.8 69.0 103.4#
77 66.5 50.0 75.0

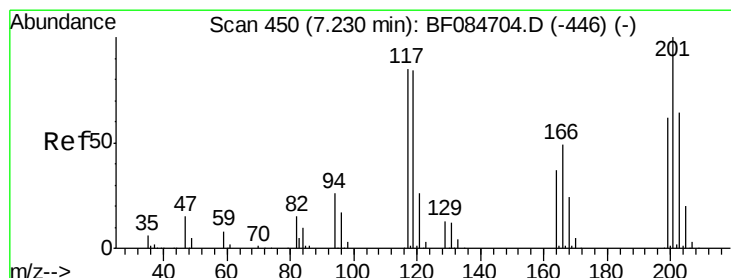
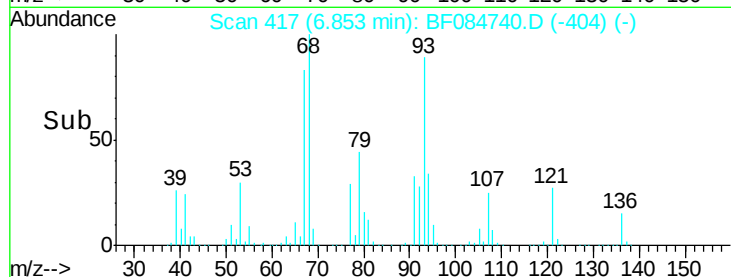
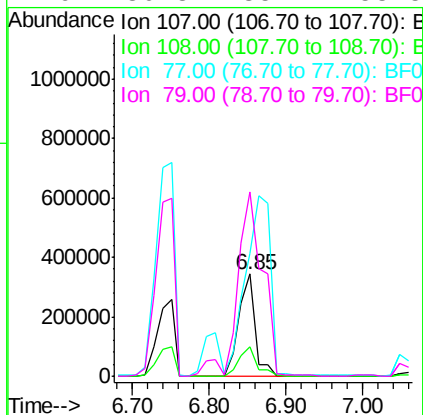
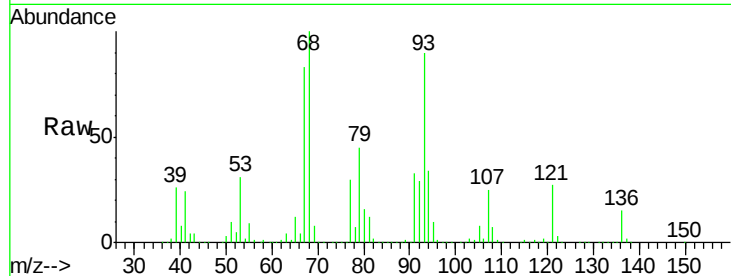




#17
2-Methylphenol
Concen: 58.16 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.15 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

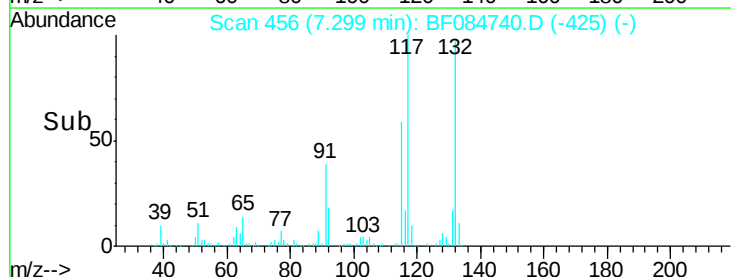
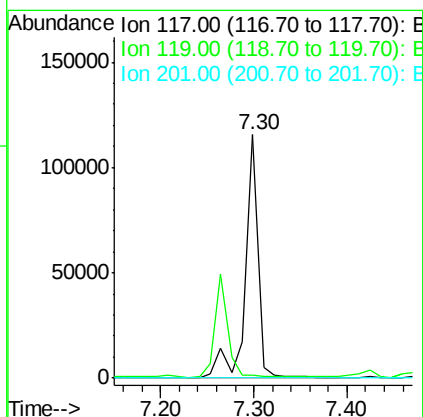
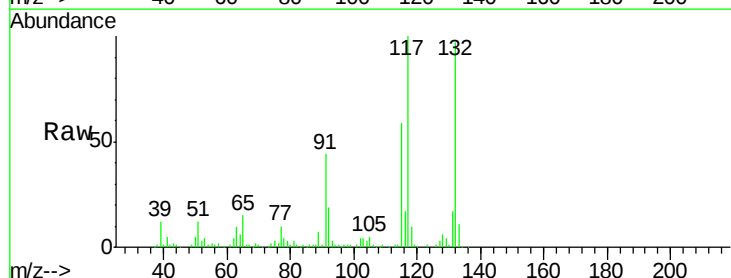
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SUP-B012(10-12.5)

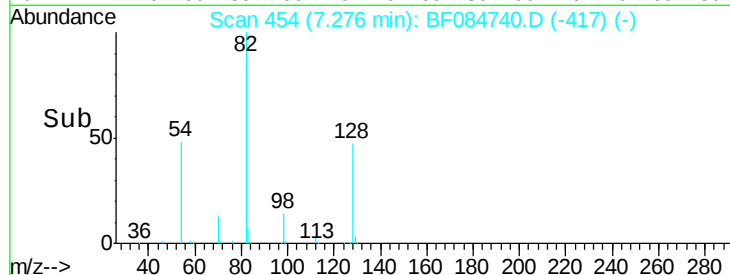
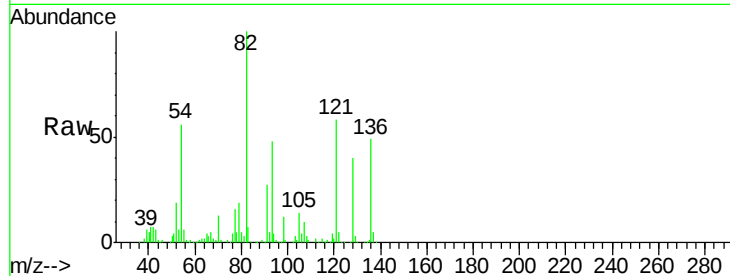
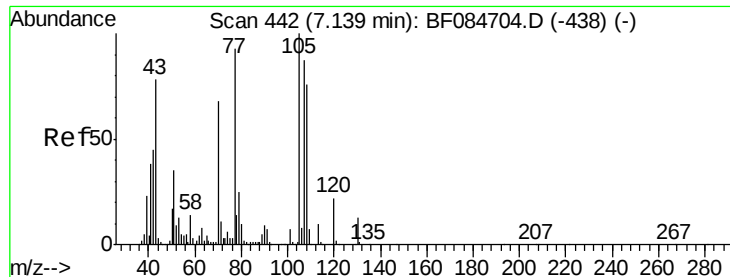
Tgt Ion	Ratio	Lower	Upper
107	100		
108	28.5	89.8	134.6#
77	120.2	35.7	53.5#
79	180.8	35.7	53.5#



#18
Hexachloroethane
Concen: 23.96 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.06 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	1.3	77.4	116.0#
201	0.0	68.6	103.0#

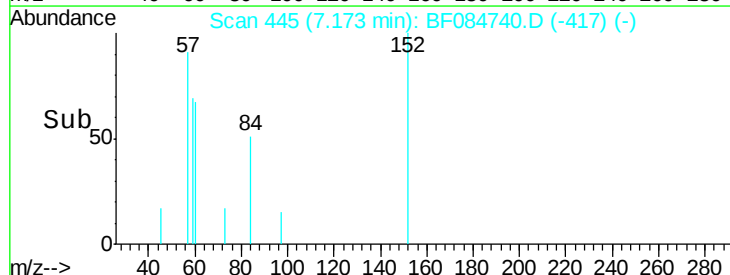
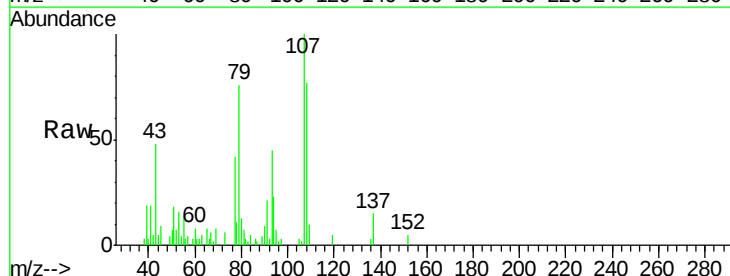
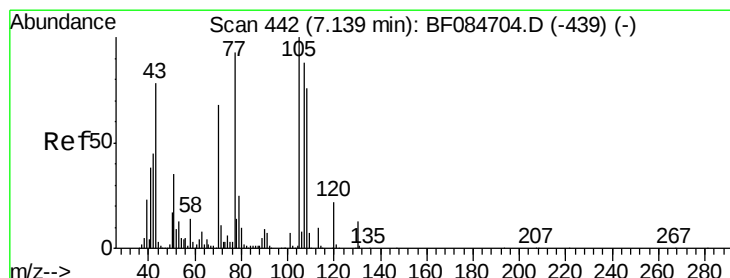
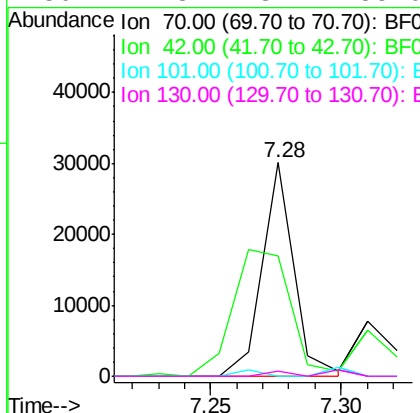




#19
n-Nitroso-di-n-propylamine
Concen: 3.30 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

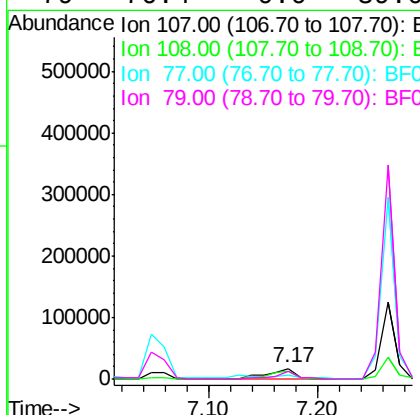
Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

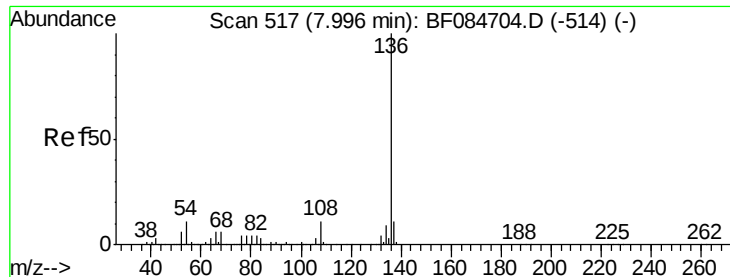
Tgt Ion: 70 Resp: 25573
Ion Ratio Lower Upper
70 100
42 56.5 33.3 49.9#
101 0.0 9.3 13.9#
130 2.3 23.4 35.0#



#20
3+4-Methylphenols
Concen: 2.85 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.02 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion: 107 Resp: 31559
Ion Ratio Lower Upper
107 100
108 77.2 74.6 114.6
77 42.0 0.7 40.7#
79 76.4 0.0 39.0#

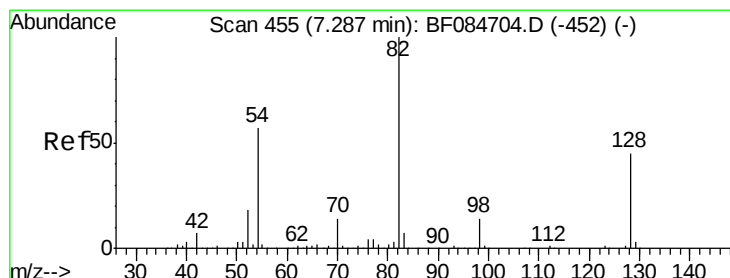
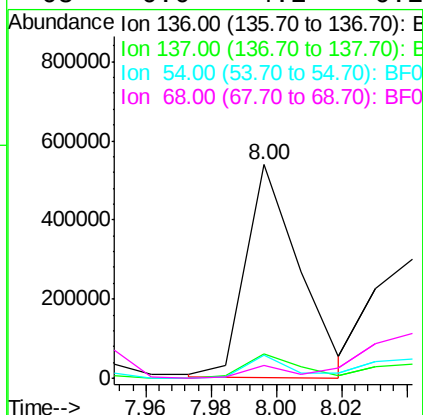
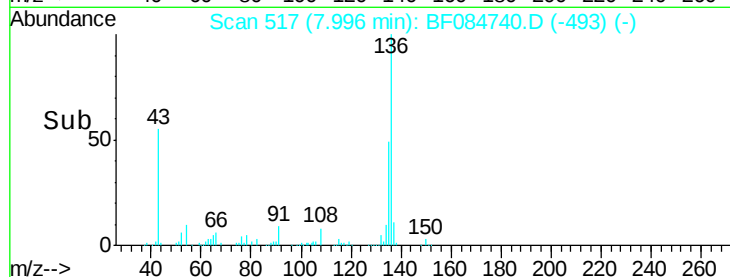
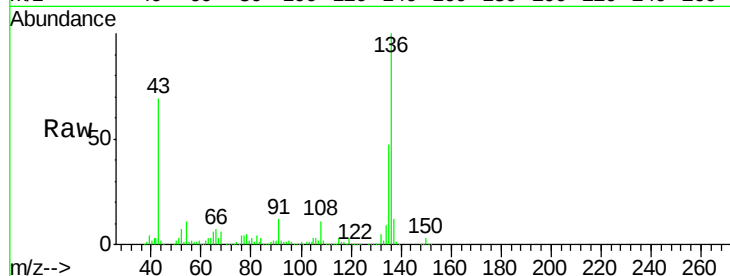




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

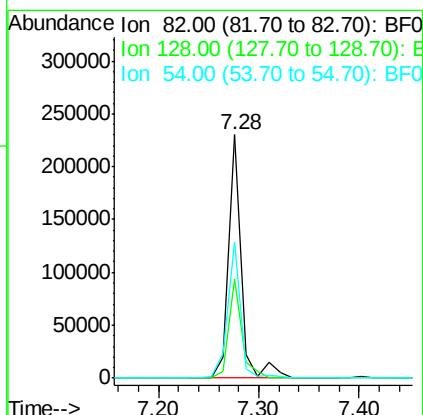
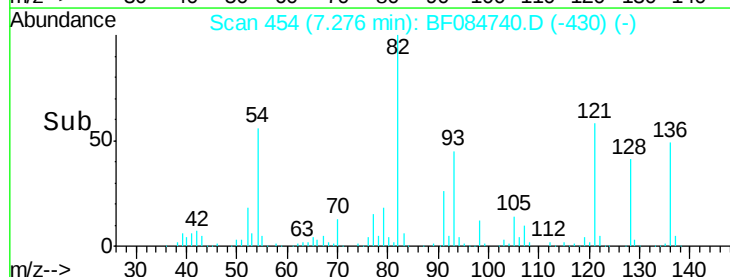
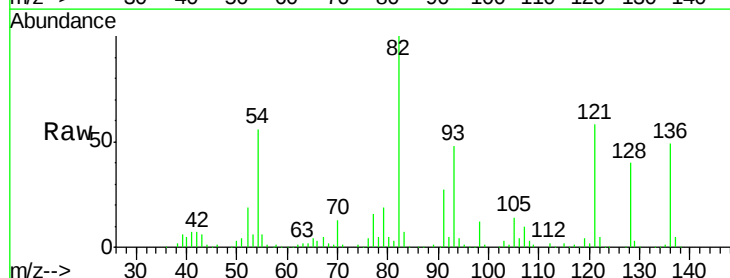
Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

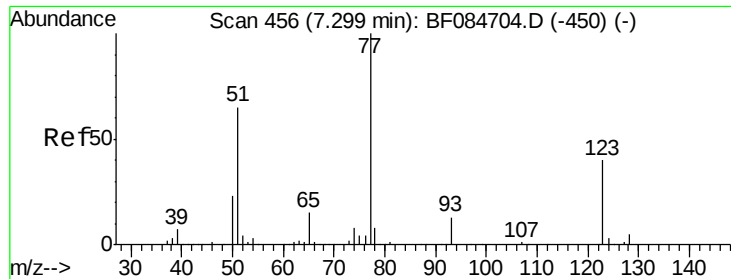
Tgt Ion:	136	Resp:	608345
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	10.5	5.8	8.8#
68	6.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 18.84 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion:	82	Resp:	203478
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	51.8
54	55.8	38.4	57.6





#24

Nitrobenzene

Concen: 23.21 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.05 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SUP-B012(10-12.5)

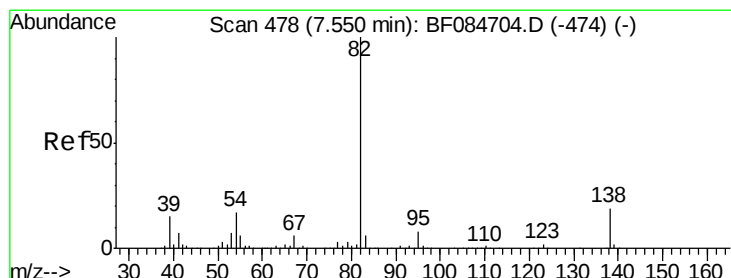
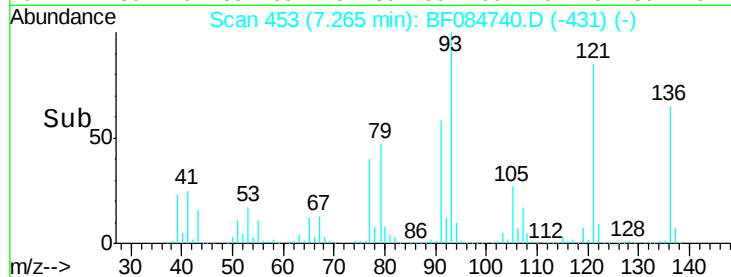
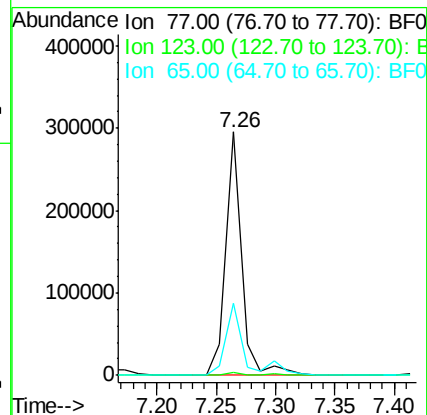
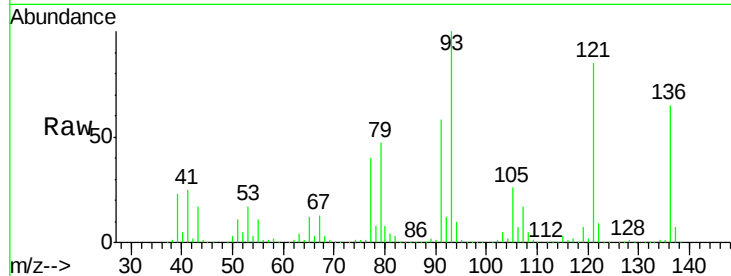
Tgt Ion: 77 Resp: 268379

Ion Ratio Lower Upper

77 100

123 1.0 37.4 56.2#

65 29.6 10.9 16.3#



#25

Isophorone

Concen: 9.24 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

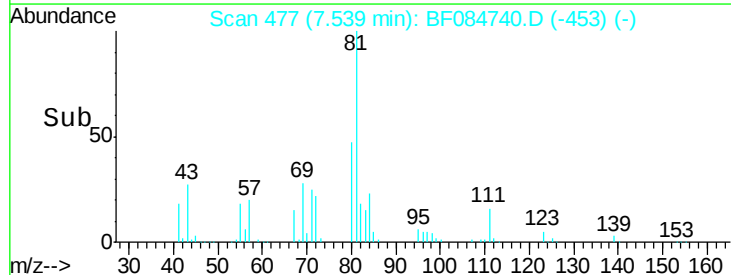
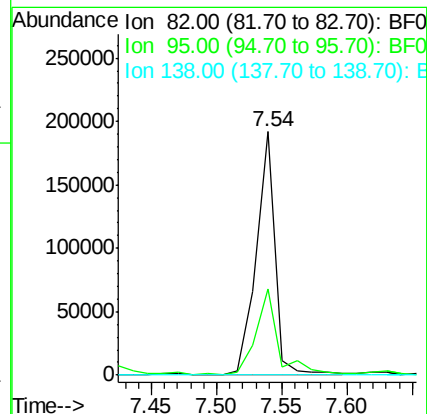
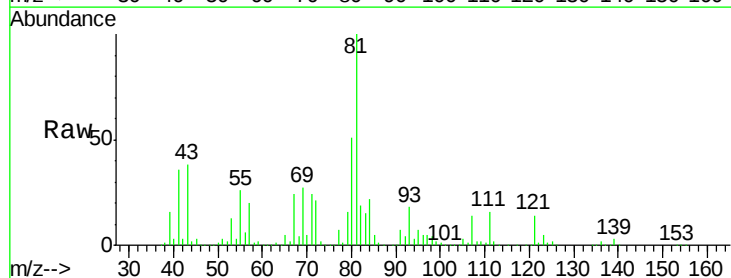
Tgt Ion: 82 Resp: 193975

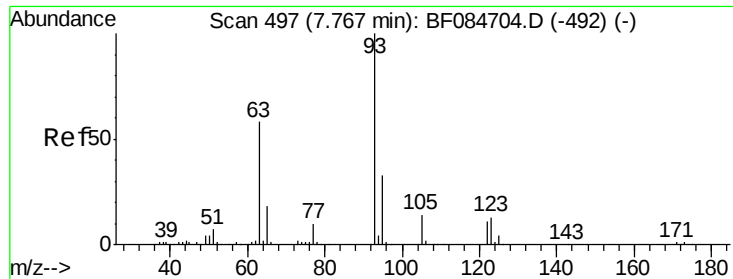
Ion Ratio Lower Upper

82 100

95 35.4 6.6 10.0#

138 0.2 13.6 20.4#

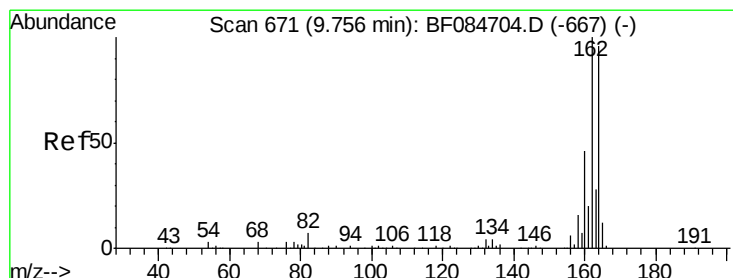
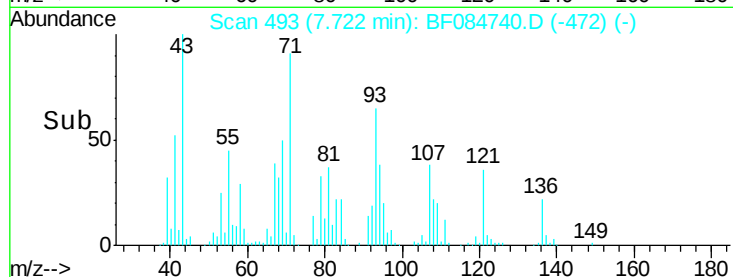
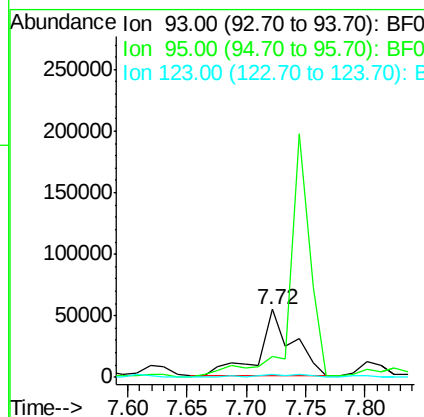
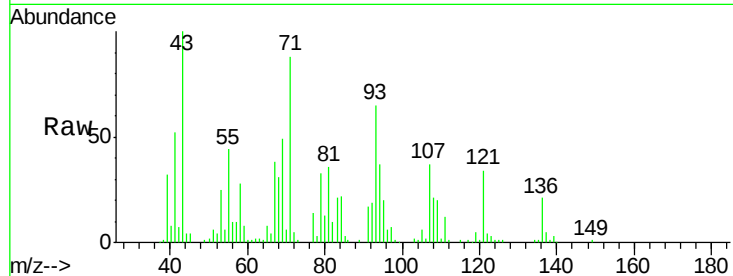




#28
bis(2-Chloroethoxy)methane
Concen: 8.48 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.06 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

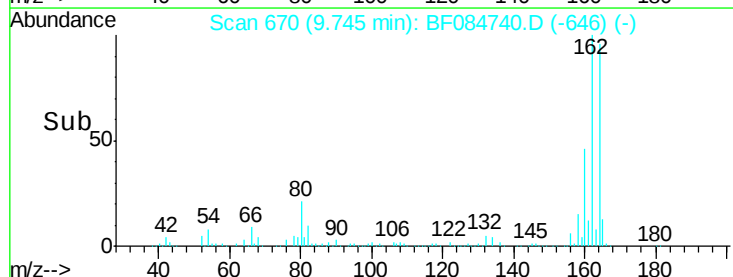
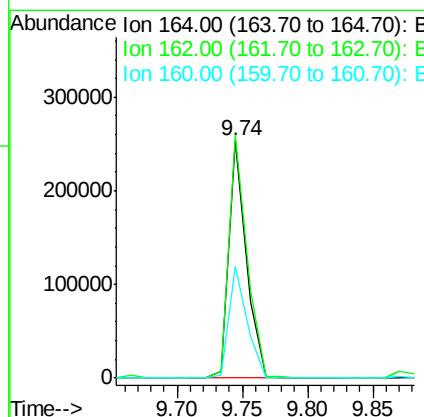
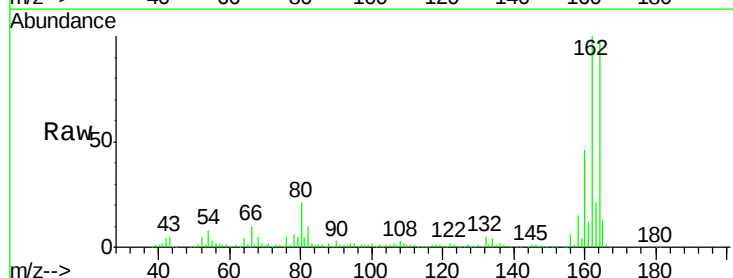
Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

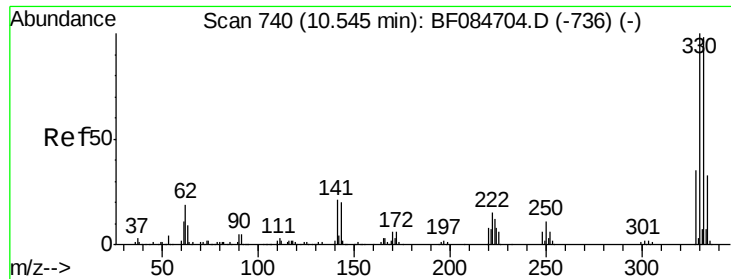
Tgt Ion: 93 Resp: 105695
Ion Ratio Lower Upper
93 100
95 30.9 25.8 38.6
123 5.2 8.6 12.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion: 164 Resp: 236829
Ion Ratio Lower Upper
164 100
162 102.4 85.1 127.7
160 46.9 37.5 56.3

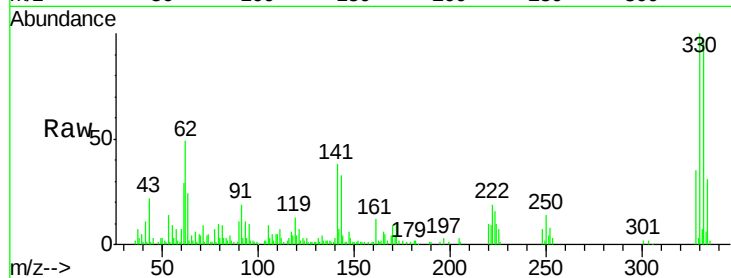




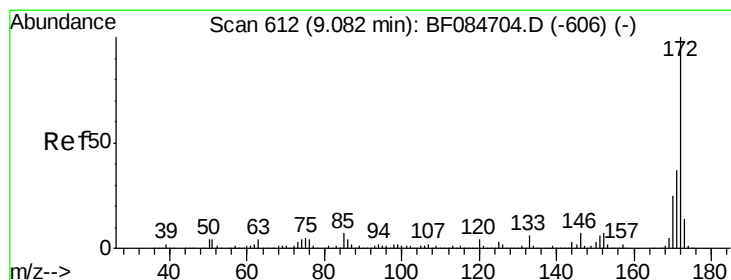
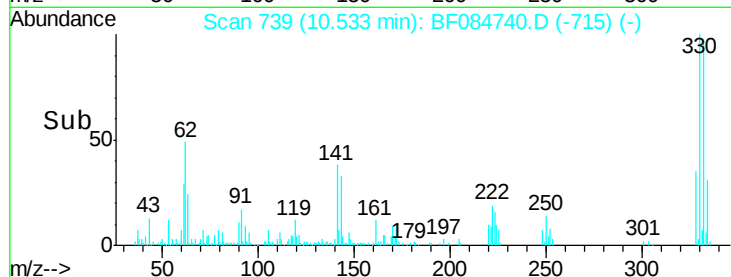
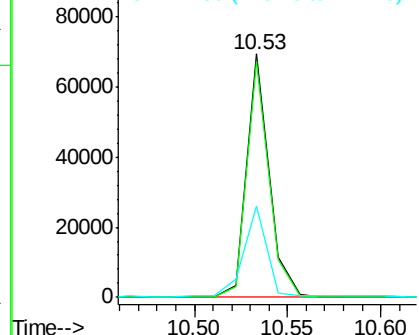
#41
 2,4,6-Tribromophenol
 Concen: 23.58 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084740.D
 Acq: 2 Feb 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(10-12.5)

Tgt Ion:330 Resp: 58245
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 40.0 27.8 41.6

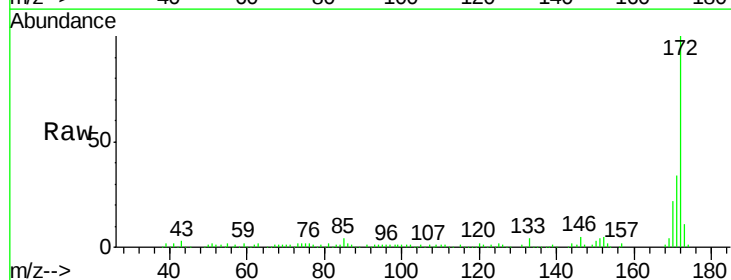


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

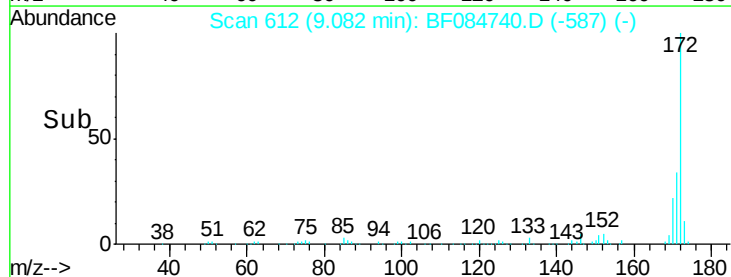
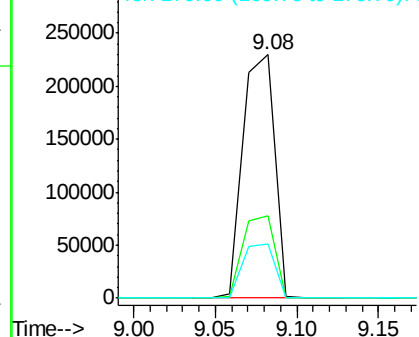


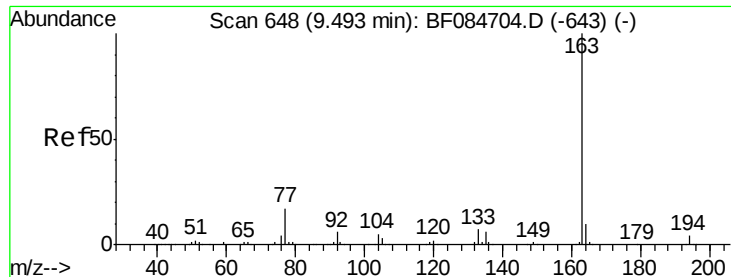
#44
 2-Fluorobiphenyl
 Concen: 16.50 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084740.D
 Acq: 2 Feb 2016 5:36

Tgt Ion:172 Resp: 307904
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.9 43.3
 170 22.3 18.6 27.8



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

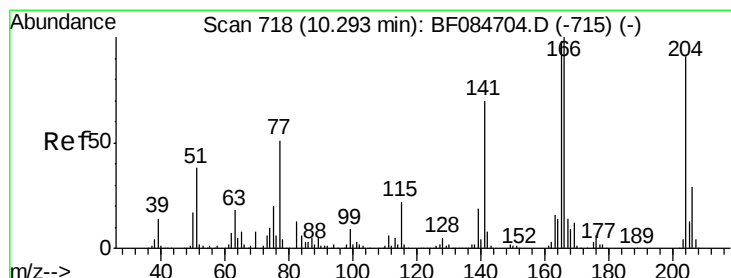
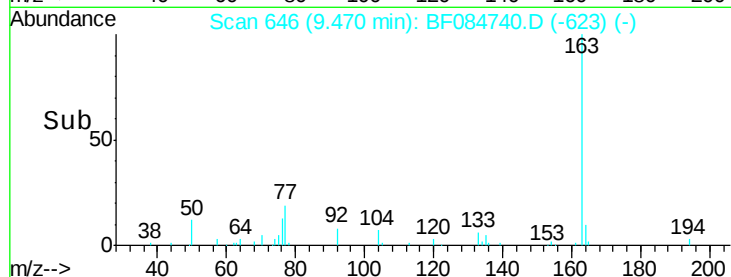
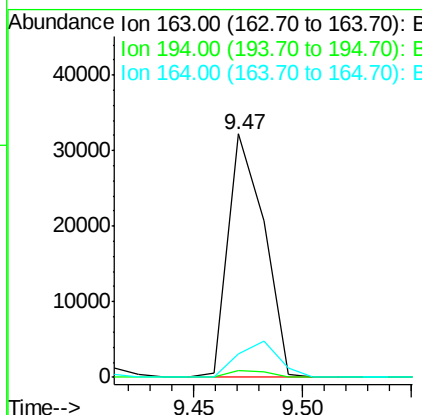
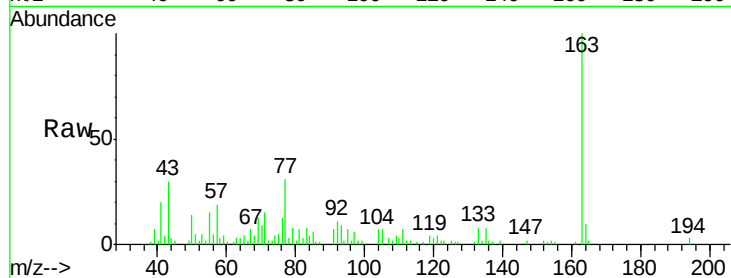




#49
Dimethylphthalate
Concen: 2.06 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

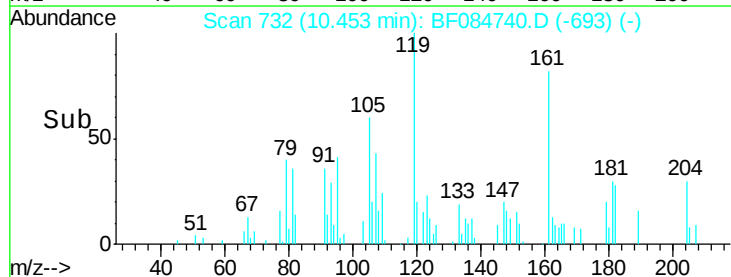
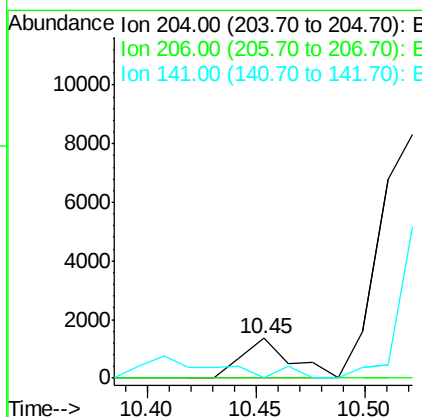
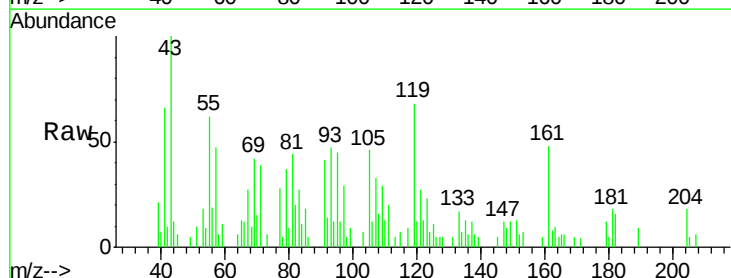
Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

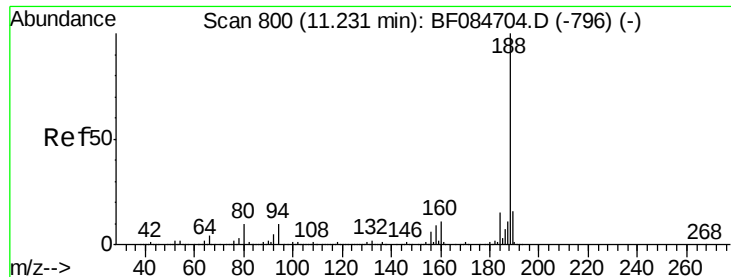
Tgt Ion:163 Resp: 37106
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 9.6 8.0 12.0



#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.45 min Scan# 732
Delta R.T. 0.15 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion:204 Resp: 2078
Ion Ratio Lower Upper
204 100
206 0.0 25.7 38.5#
141 0.0 55.1 82.7#

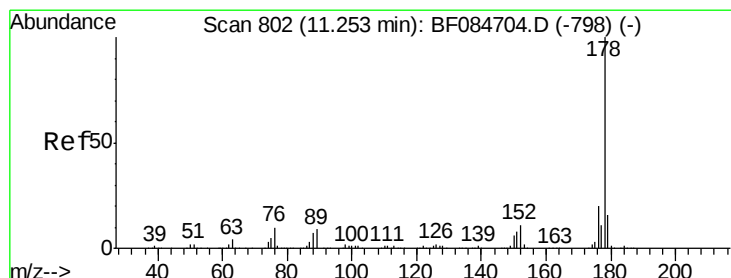
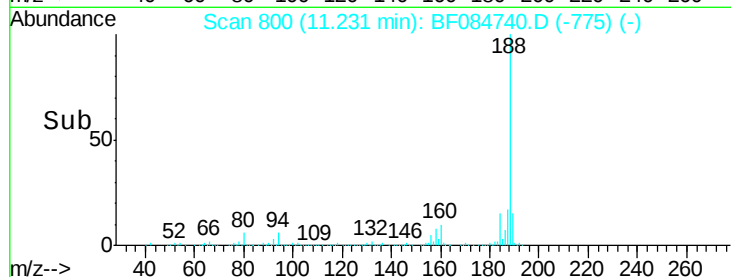
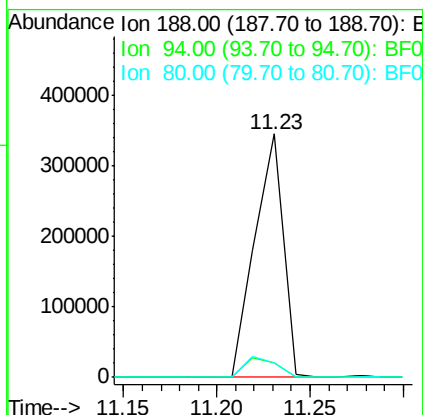
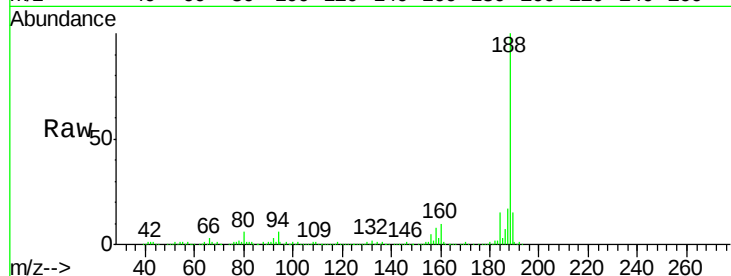




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

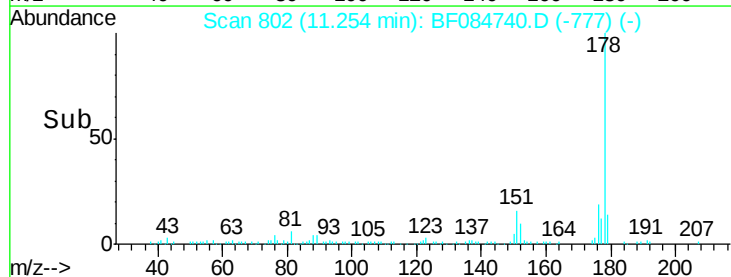
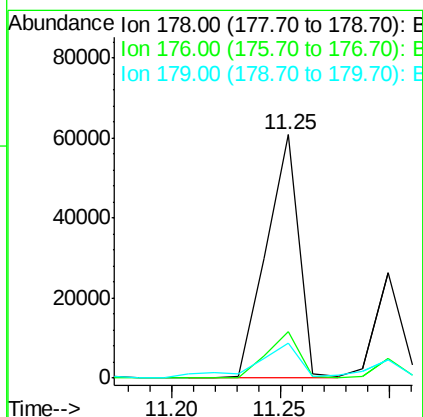
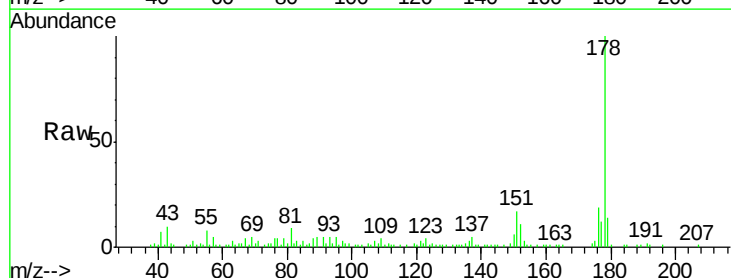
Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

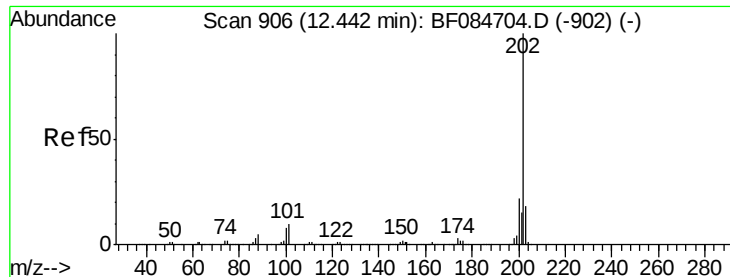
Tgt Ion:188 Resp: 365272
Ion Ratio Lower Upper
188 100
94 5.8 9.0 13.4#
80 6.1 9.6 14.4#



#70
Phenanthrene
Concen: 3.14 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion:178 Resp: 63709
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 14.3 12.0 18.0





#74

Fluoranthene

Concen: 10.22 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SUP-B012(10-12.5)

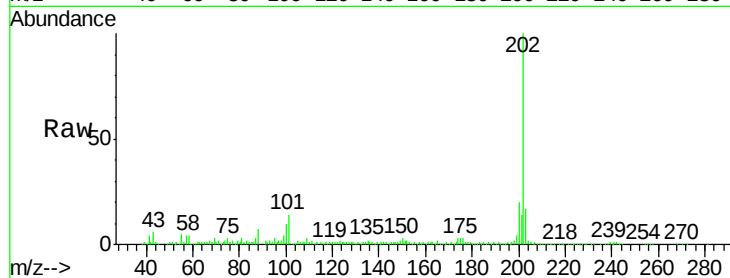
Tgt Ion:202 Resp: 209637

Ion Ratio Lower Upper

202 100

101 14.2 0.0 32.8

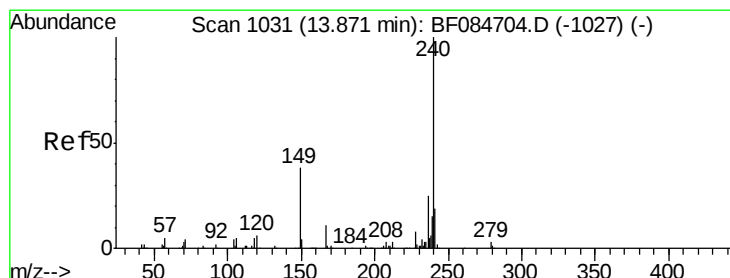
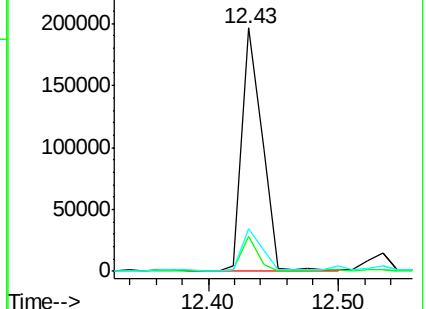
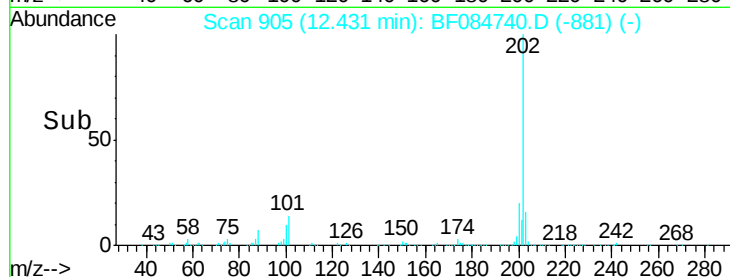
203 17.4 0.0 37.9



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: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

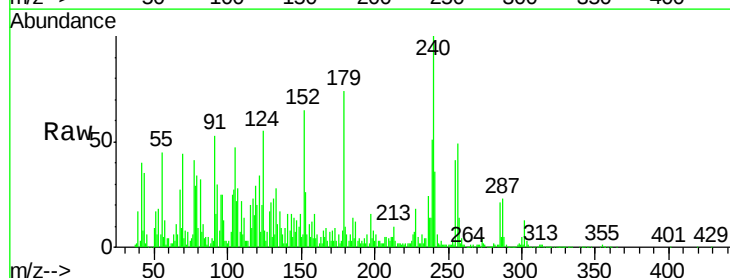
Tgt Ion:240 Resp: 349647

Ion Ratio Lower Upper

240 100

120 20.3 9.5 14.3#

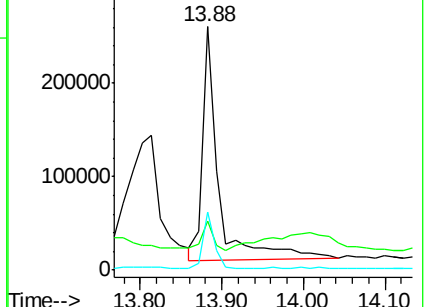
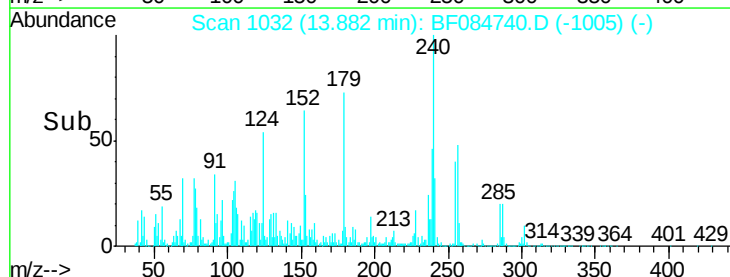
236 24.0 20.6 31.0

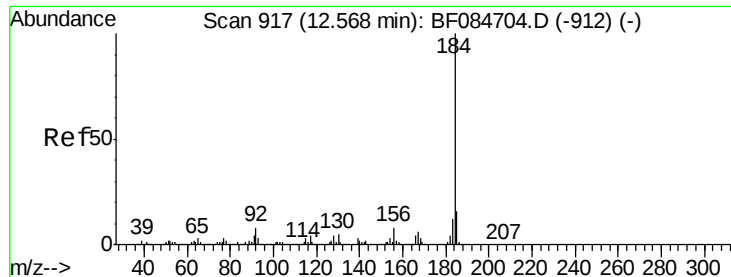


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.00 ng

RT: 12.58 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SUP-B012(10-12.5)

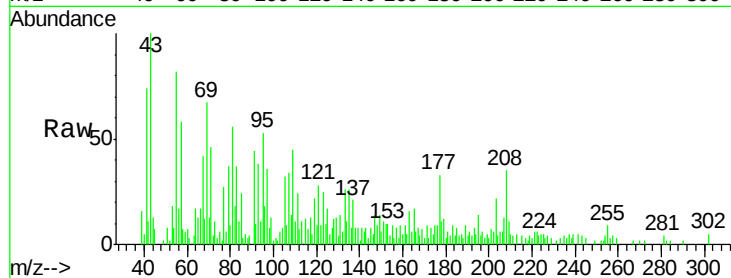
Tgt Ion:184 Resp: 1995

Ion Ratio Lower Upper

184 100

185 196.7 12.2 18.2#

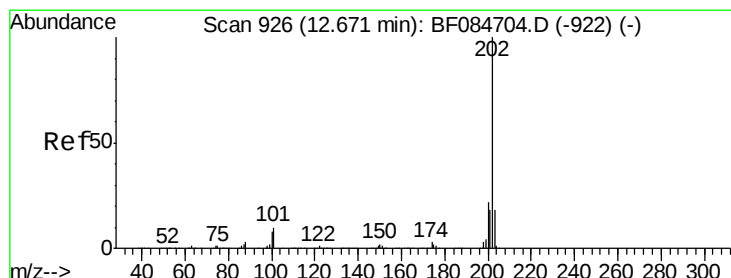
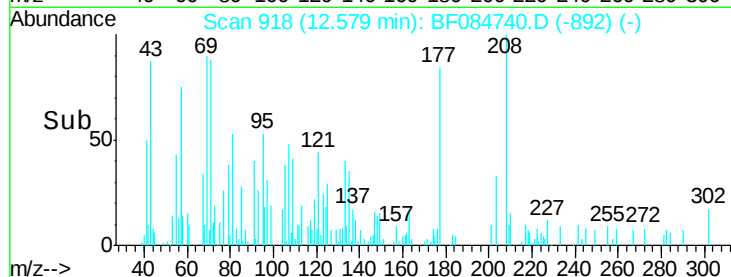
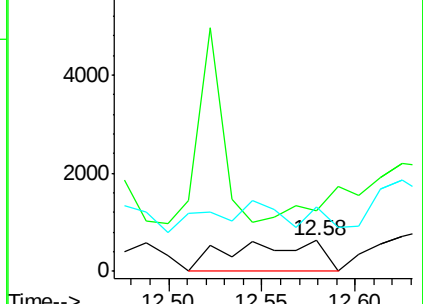
183 210.7 9.8 14.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 7.36 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

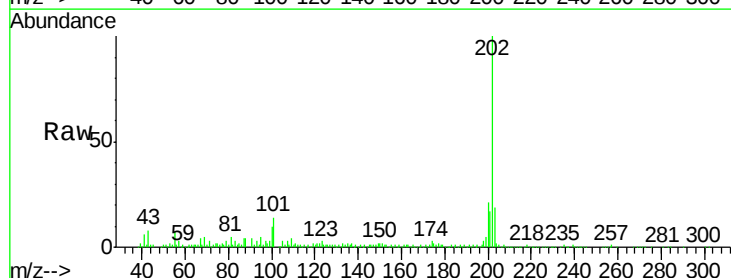
Tgt Ion:202 Resp: 197158

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

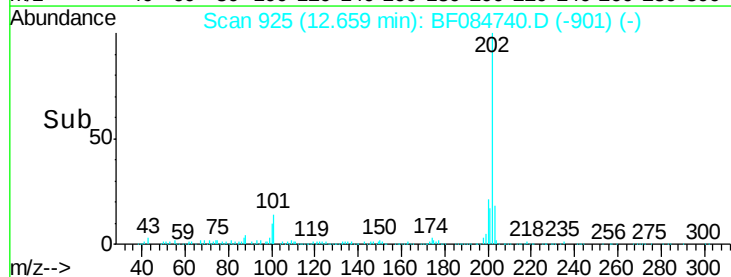
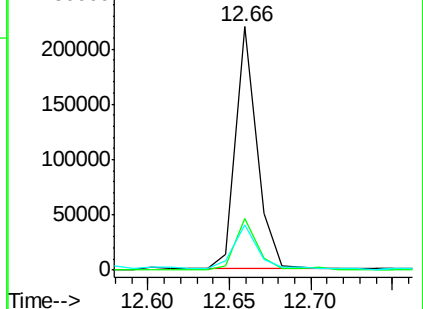
203 18.7 14.3 21.5

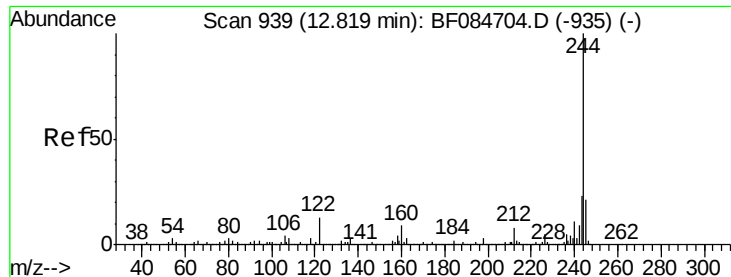


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 13.39 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SUP-B012(10-12.5)

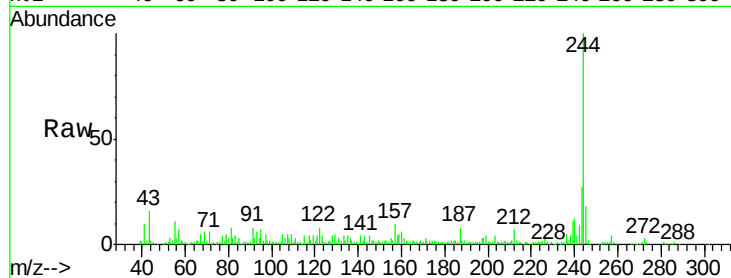
Tgt Ion:244 Resp: 206635

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

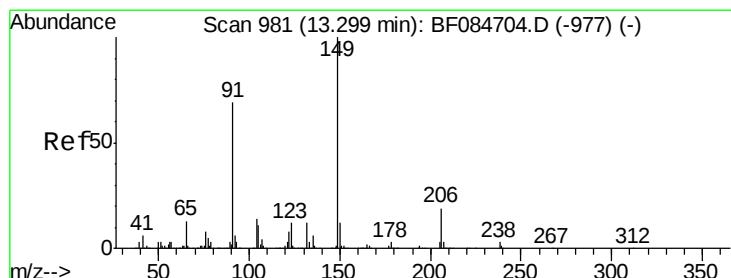
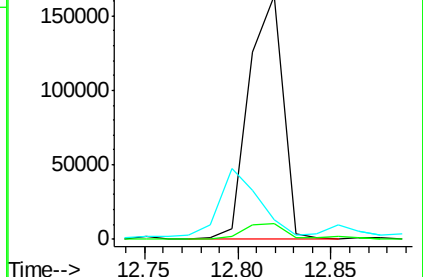
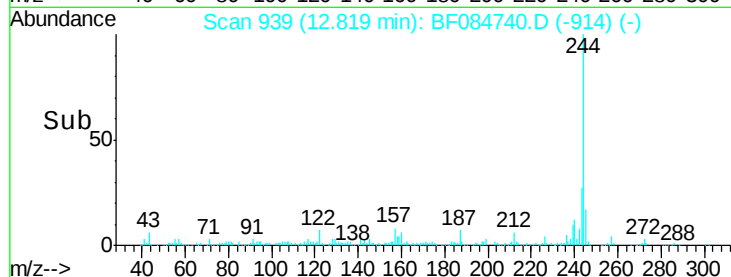
122 7.8 7.4 11.0



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



#79

Butylbenzylphthalate

Concen: 2.69 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.03 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

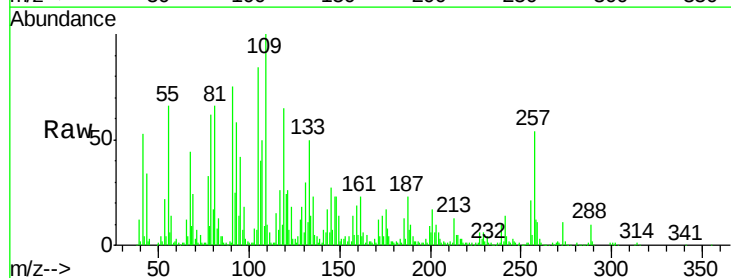
Tgt Ion:149 Resp: 32616

Ion Ratio Lower Upper

149 100

91 520.4 57.6 86.4#

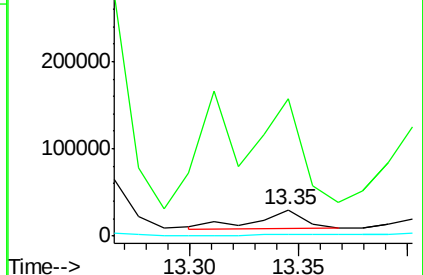
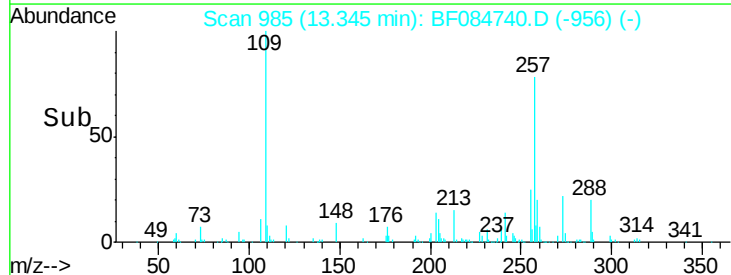
206 8.2 13.2 19.8#

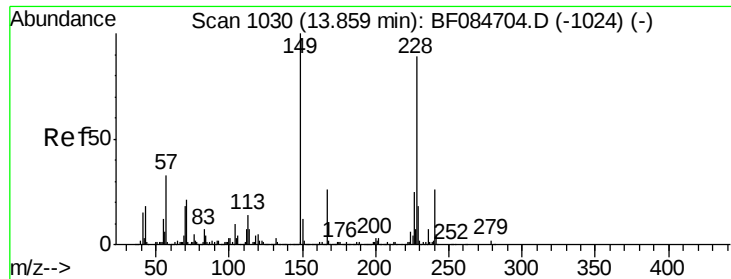


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

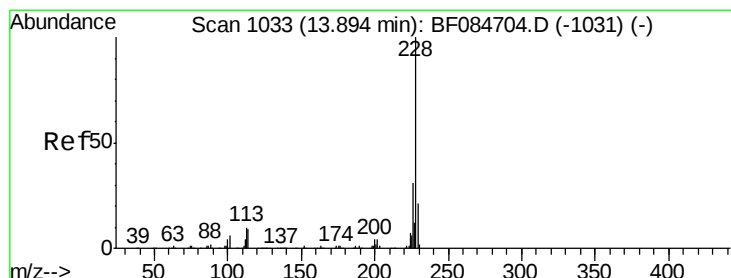
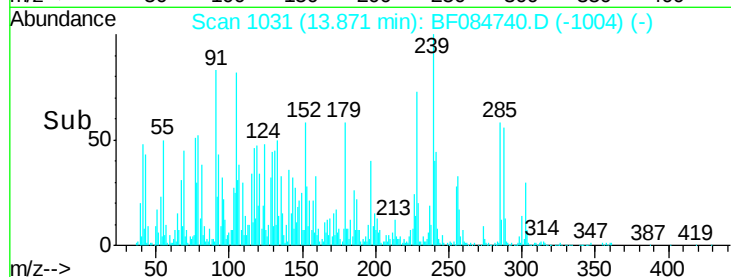
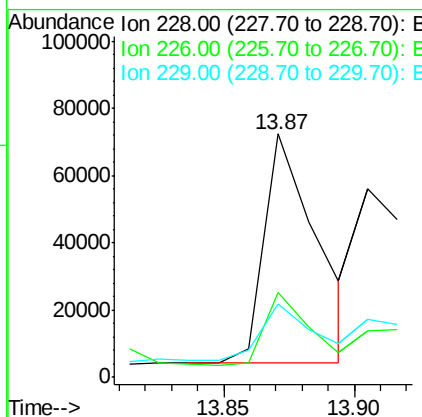
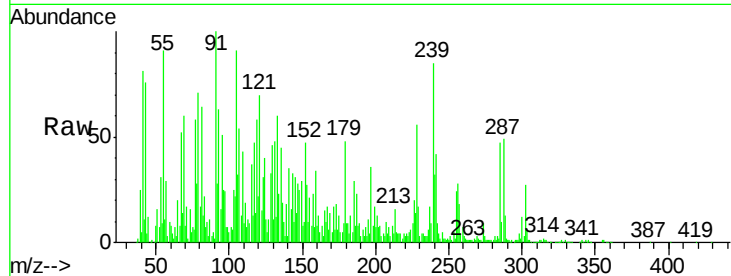




#80
Benzo(a)anthracene
Concen: 4.40 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

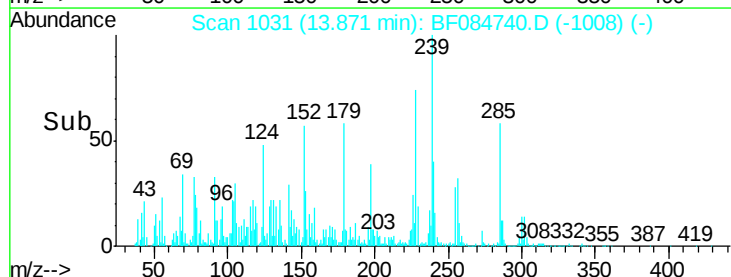
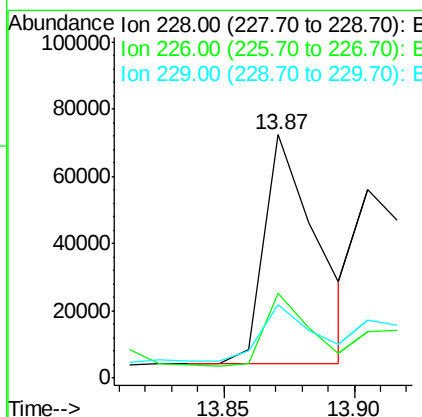
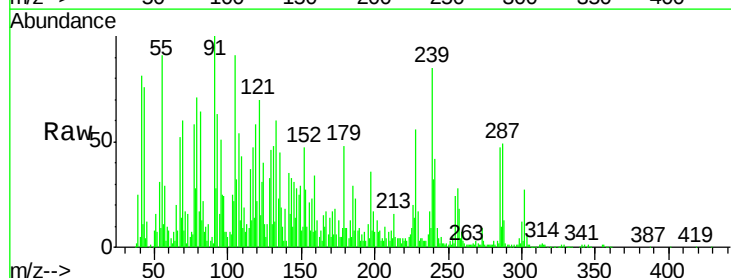
Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

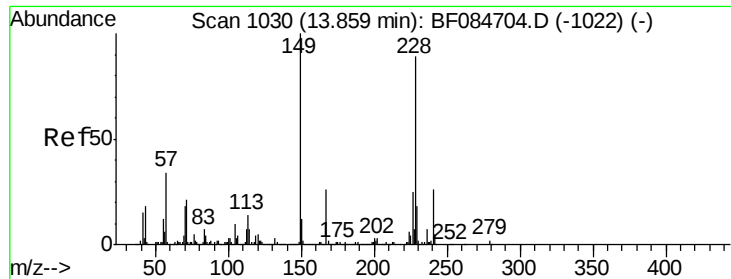
Tgt Ion:228 Resp: 95531
Ion Ratio Lower Upper
228 100
226 34.9 21.8 32.6#
229 30.4 15.8 23.8#



#82
Chrysene
Concen: 4.54 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion:228 Resp: 95531
Ion Ratio Lower Upper
228 100
226 34.9 24.3 36.5
229 30.4 16.1 24.1#

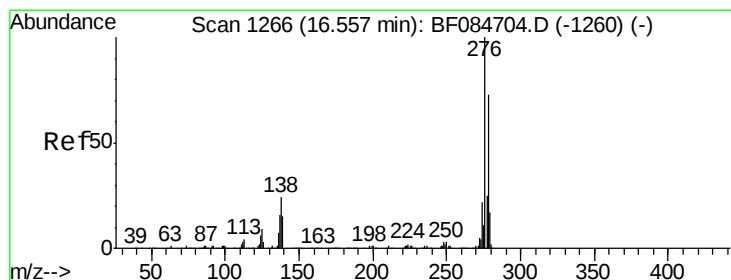
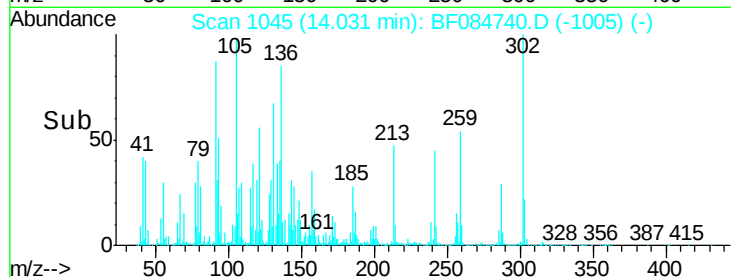
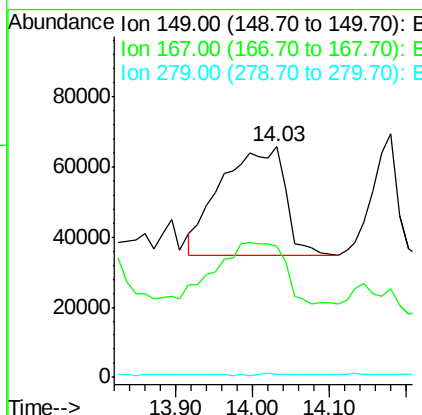
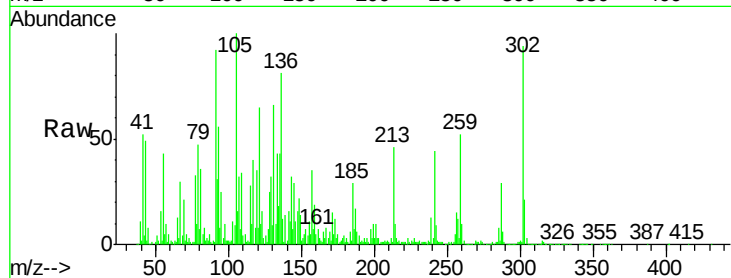




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.70 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.16 min
 Lab File: BF084740.D
 Acq: 2 Feb 2016 5:36

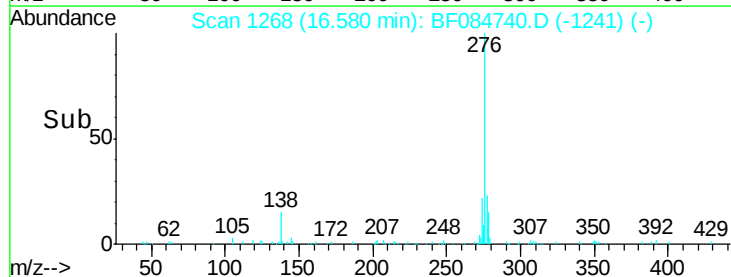
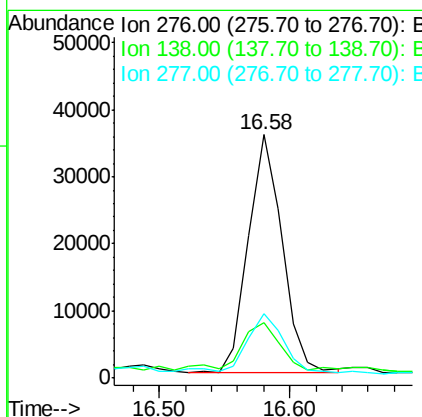
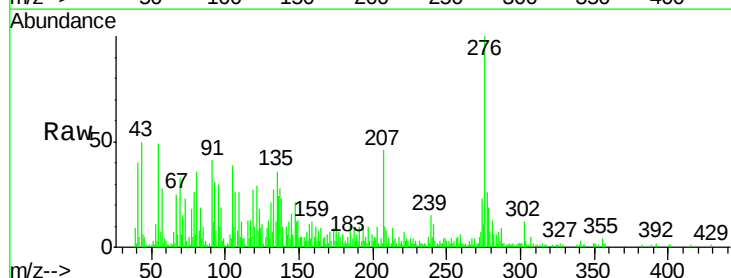
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(10-12.5)

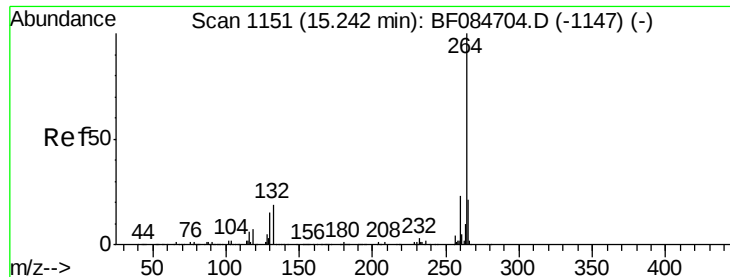
Tgt Ion:149 Resp: 176889
 Ion Ratio Lower Upper
 149 100
 167 57.0 19.7 29.5#
 279 1.1 1.8 2.6#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.91 ng
 RT: 16.58 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BF084740.D
 Acq: 2 Feb 2016 5:36

Tgt Ion:276 Resp: 64757
 Ion Ratio Lower Upper
 276 100
 138 22.0 20.6 30.8
 277 28.9 20.1 30.1

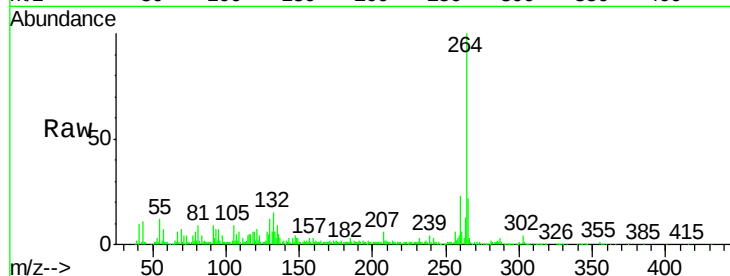




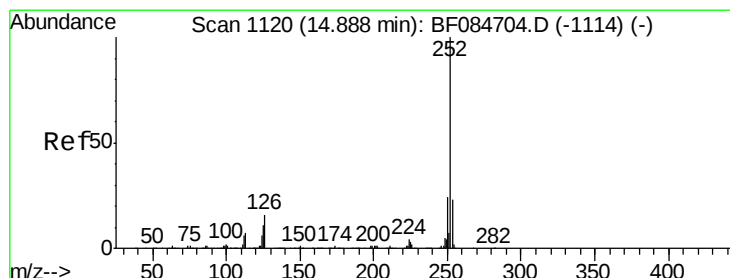
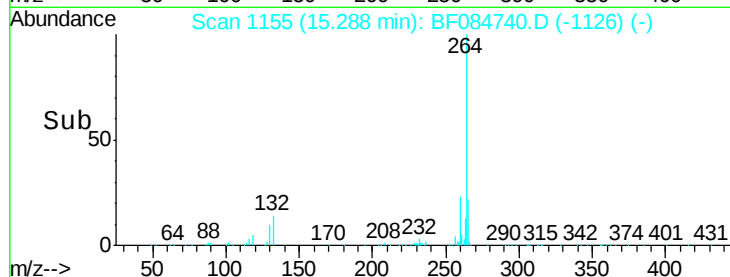
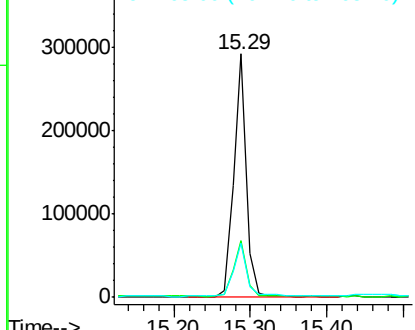
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. 0.03 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

Tgt Ion:264 Resp: 342906
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 22.5 17.8 26.6

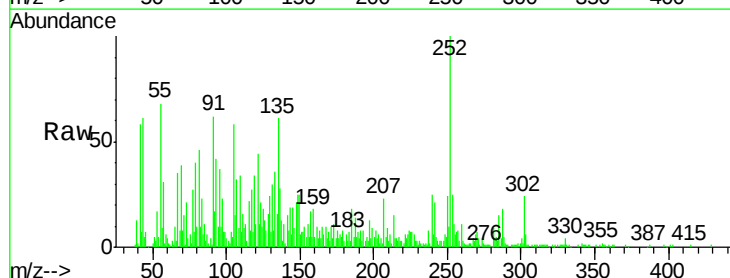


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

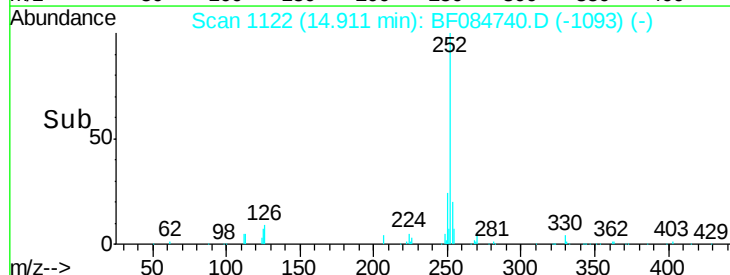
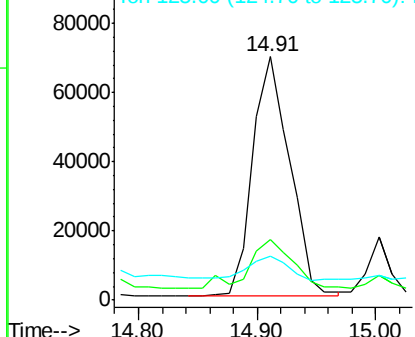


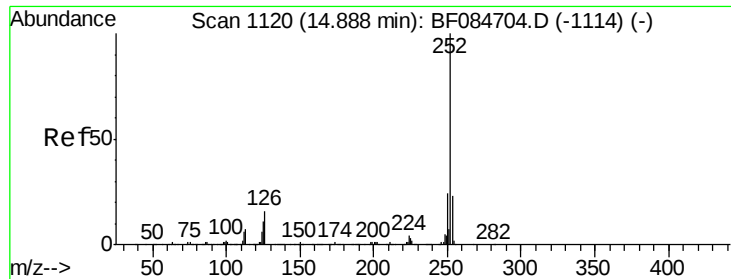
#87
Benzo(b)fluoranthene
Concen: 6.52 ng
RT: 14.91 min Scan# 1122
Delta R.T. 0.03 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion:252 Resp: 150126
Ion Ratio Lower Upper
252 100
253 24.9 17.3 25.9
125 17.9 6.5 9.7#



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





#88

Benzo(k)fluoranthene

Concen: 7.88 ng

RT: 14.91 min Scan# 1122

Delta R.T. 0.01 min

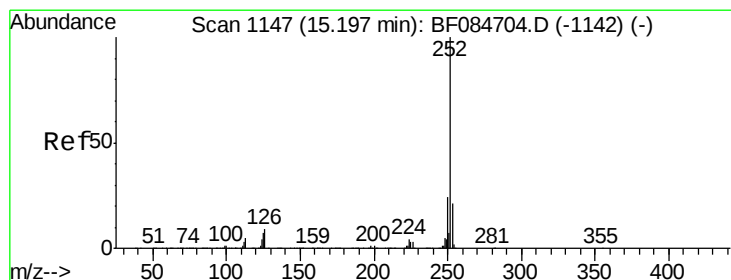
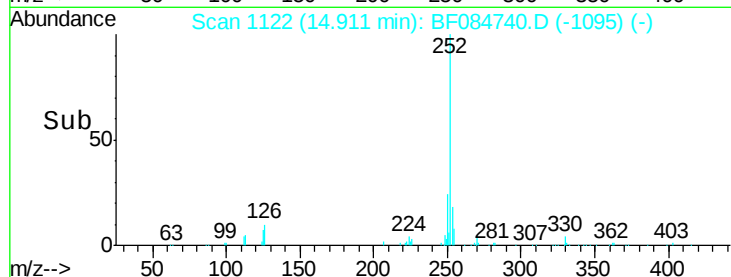
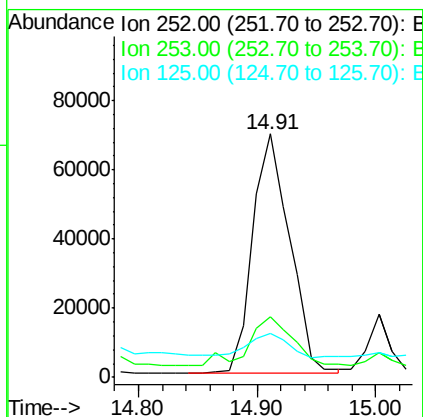
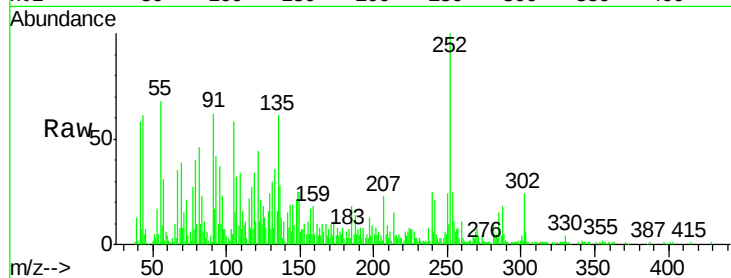
Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

Tgt Ion: 252 Resp: 150126

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	17.9	9.0	13.6#



#89

Benzo(a)pyrene

Concen: 4.69 ng

RT: 15.23 min Scan# 1150

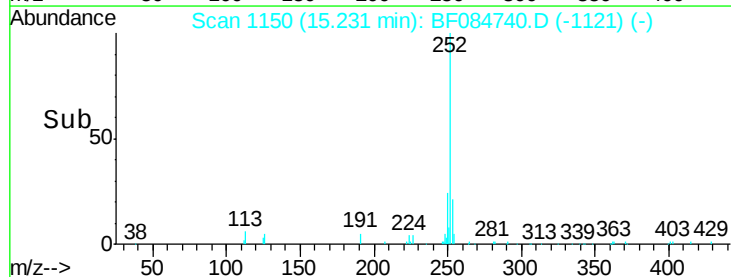
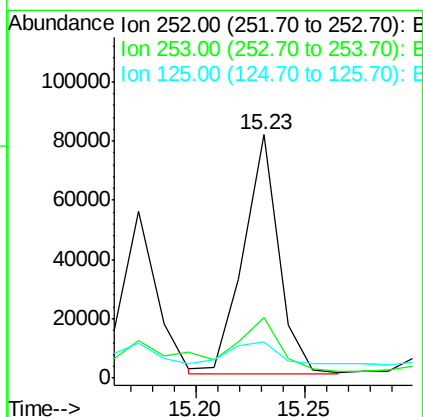
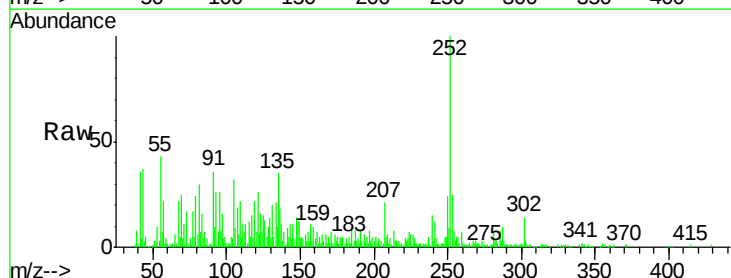
Delta R.T. 0.03 min

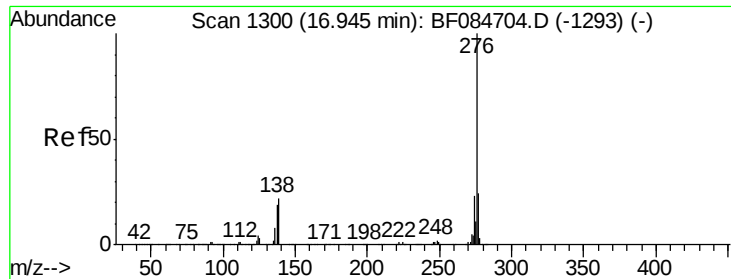
Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Tgt Ion: 252 Resp: 91983

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	14.8	7.0	10.4#





#91
 Benzo(g,h,i)perylene
 Concen: 3.85 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF084740.D
 Acq: 2 Feb 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(10-12.5)

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	25.8	17.8	26.6

