

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088926.D
 Acq On : 12 Jul 2016 16:23
 Operator : UM/SJ
 Sample : H3889-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Quant Time: Jul 13 02:14:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	50265	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	187370	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	62979	20.00	ng	0.07
63) Phenanthrene-d10	11.34	188	62985	20.00	ng	0.11
75) Chrysene-d12	13.99	240	36579	20.00	ng	0.14
86) Perylene-d12	15.37	264	42667	20.00	ng	0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	294044	87.67	ng	-0.01
7) Phenol-d6	6.34	99	335065	77.32	ng	-0.01
23) Nitrobenzene-d5	7.27	82	214328	59.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	59223	101.27	ng	0.08
44) 2-Fluorobiphenyl	9.12	172	373662	93.72	ng	0.05
78) Terphenyl-d14	12.92	244	128419	78.20	ng	0.13

Target Compounds

						Qvalue
6) Aniline	6.47	93	379	0.06	ng	# 1
9) Benzaldehyde	6.24	77	29469	10.04	ng	84
10) Phenol	6.35	94	1040	0.21	ng	# 1
11) bis(2-Chloroethyl)ether	6.47	93	379	0.10	ng	# 1
15) Benzyl Alcohol	6.87	79	317177	99.44	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.80	45	10424	1.95	ng	80
17) 2-Methylphenol	6.87	107	160474	54.57	ng	# 17
19) n-Nitroso-di-n-propylamine	7.19	70	2053	0.71	ng	# 68
22) Acetophenone	7.12	105	3893	0.86	ng	# 90
24) Nitrobenzene	7.27	77	911	0.25	ng	# 22
25) Isophorone	7.27	82	193240	29.18	ng	# 65
26) 2-Nitrophenol	7.69	139	304	0.21	ng	# 1
27) 2,4-Dimethylphenol	7.64	122	661	0.21	ng	# 1
28) bis(2-Chloroethoxy)methane	7.79	93	2773	0.64	ng	# 1
29) 2,4-Dichlorophenol	7.95	162	424	0.17	ng	# 1
30) 1,2,4-Trichlorobenzene	8.15	180	206	0.08	ng	# 12
31) Naphthalene	8.01	128	832	0.09	ng	# 64
32) Benzoic acid	7.79	122	1318	0.59	ng	# 42
33) 4-Chloroaniline	8.08	127	252	0.06	ng	# 1
35) Caprolactam	8.33	113	468	0.55	ng	# 1
36) 4-Chloro-3-methylphenol	8.51	107	12871	4.37	ng	# 19
37) 2-Methylnaphthalene	8.71	142	230	0.04	ng	# 1
42) 2,4,6-Trichlorophenol	9.22	196	429	0.31	ng	# 11
43) 2,4,5-Trichlorophenol	9.22	196	429	0.36	ng	# 1
45) 1,1'-Biphenyl	9.26	154	2652	0.51	ng	# 1
46) 2-Chloronaphthalene	9.21	162	339	0.08	ng	# 1
47) 2-Nitroaniline	9.31	65	35155	24.20	ng	# 71
48) Acenaphthylene	9.71	152	31146	4.78	ng	# 1
49) Dimethylphthalate	9.51	163	212860	47.44	ng	# 76
50) 2,6-Dinitrotoluene	9.53	165	77598	78.03	ng	# 59
51) Acenaphthene	9.71	154	6169	1.54	ng	# 1
52) 3-Nitroaniline	9.74	138	16429	13.00	ng	# 33
53) 2,4-Dinitrophenol	9.87	184	425	0.97	ng	# 1
54) Dibenzofuran	10.03	168	998	0.19	ng	# 1

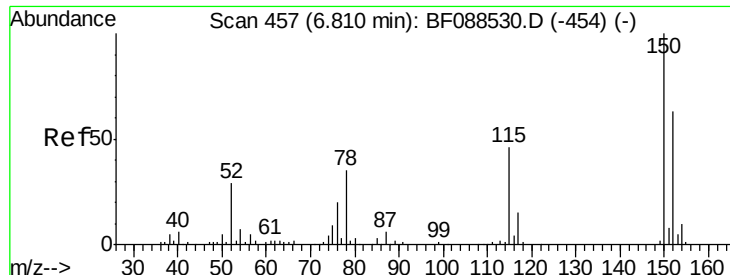
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088926.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 4-Nitrophenol	9.83	139	14026	14.60	ng	# 1
56) 2,4-Dinitrotoluene	10.06	165	11740	9.03	ng	# 65
57) Fluorene	10.34	166	15867	3.94	ng	# 1
59) Diethylphthalate	10.30	149	7506	1.67	ng	# 4
60) 4-Chlorophenyl-phenylether	10.19	204	13348	7.13	ng	# 1
61) 4-Nitroaniline	10.49	138	3859	3.17	ng	# 3
62) Azobenzene	10.62	77	1876	0.37	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.36	198	11666	34.63	ng	# 1
65) n-Nitrosodiphenylamine	10.46	169	23493	11.02	ng	# 47
66) 4-Bromophenyl-phenylether	11.07	248	43407	68.39	ng	# 1
68) Atrazine	11.04	200	5052	7.61	ng	# 1
69) Pentachlorophenol	11.18	266	7254	17.44	ng	# 1
70) Phenanthrene	11.43	178	27062	7.86	ng	# 1
71) Anthracene	11.43	178	27062	7.90	ng	# 1
72) Carbazole	11.55	167	4259	1.32	ng	# 1
73) Di-n-butylphthalate	11.82	149	11953	3.19	ng	# 21
74) Fluoranthene	12.56	202	17196	4.93	ng	# 1
76) Benzidine	12.71	184	894	0.48	ng	# 1
77) Pyrene	12.79	202	17131	5.52	ng	# 1
79) Butylbenzylphthalate	13.38	149	5841	4.22	ng	# 1
80) Benzo(a)anthracene	13.98	228	12593	5.35	ng	# 1
81) 3,3'-Dichlorobenzidine	13.95	252	3853	4.35	ng	# 1
82) Chrysene	13.98	228	12501	5.36	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.95	149	17207	10.89	ng	# 26
84) Di-n-octyl phthalate	14.59	149	5518	2.06	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.70	276	6939	3.87	ng	# 100
87) Benzo(b)fluoranthene	14.98	252	14894	5.56	ng	# 1
88) Benzo(k)fluoranthene	14.98	252	14894	6.39	ng	# 1
89) Benzo(a)pyrene	15.31	252	4878	2.15	ng	# 1
90) Dibenzo(a,h)anthracene	16.71	278	1834	0.97	ng	# 1
91) Benzo(g,h,i)perylene	17.10	276	6795	3.47	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

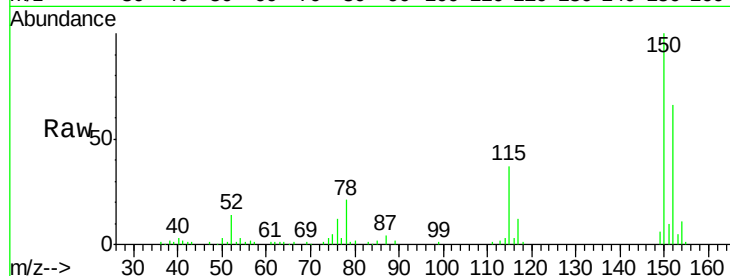
Tgt Ion:152 Resp: 50265

Ion Ratio Lower Upper

152 100

150 150.9 123.8 185.6

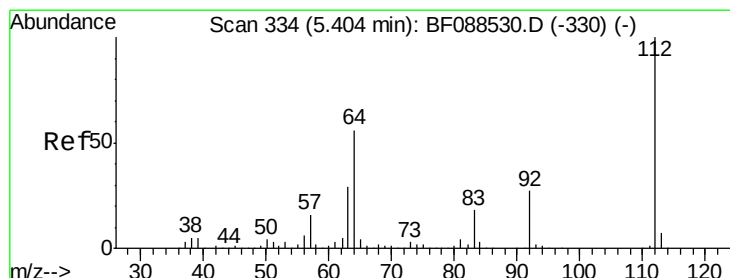
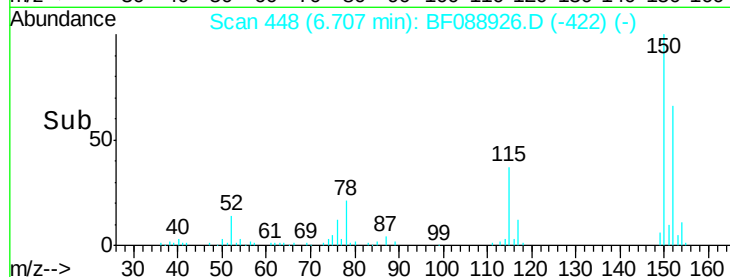
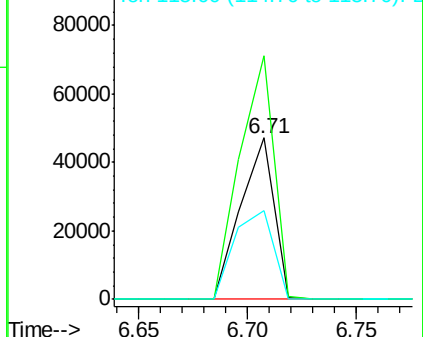
115 55.1 39.6 59.4



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: 87.67 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

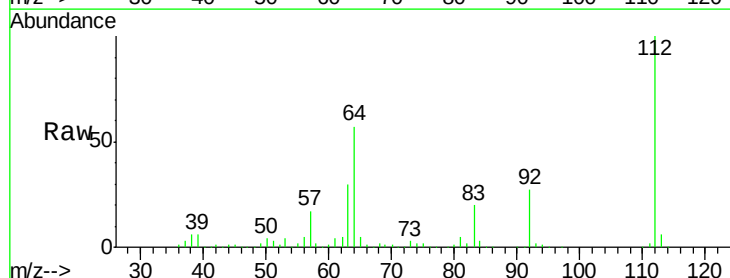
Tgt Ion:112 Resp: 294044

Ion Ratio Lower Upper

112 100

64 57.3 42.2 63.2

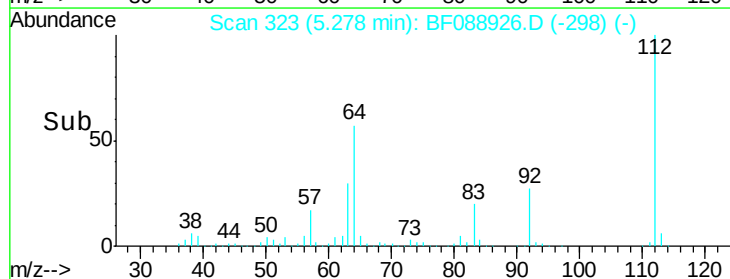
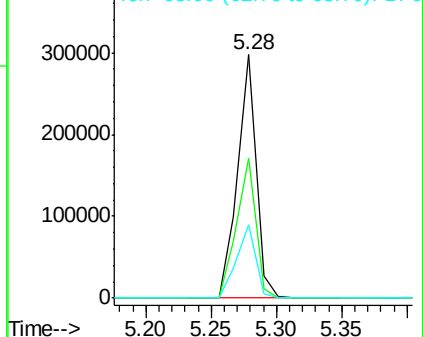
63 29.9 21.8 32.8

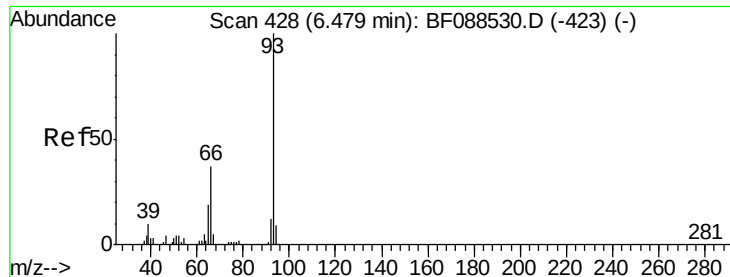


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.06 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.09 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

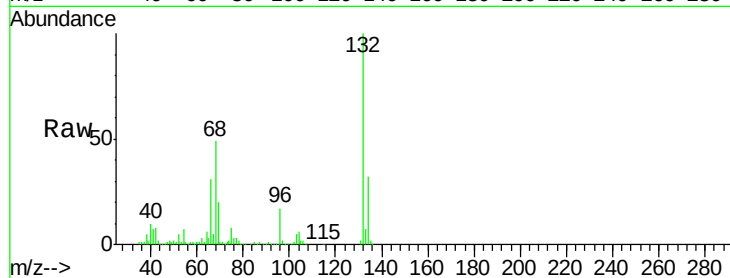
Tgt Ion: 93 Resp: 379

Ion Ratio Lower Upper

93 100

66 17291.9 29.8 44.8#

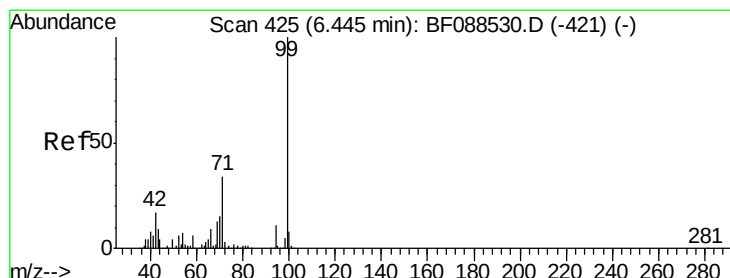
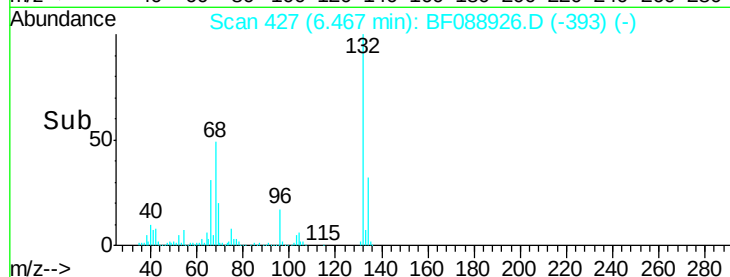
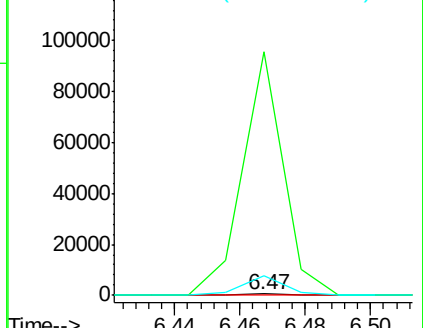
65 1416.5 14.9 22.3#



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: 77.32 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

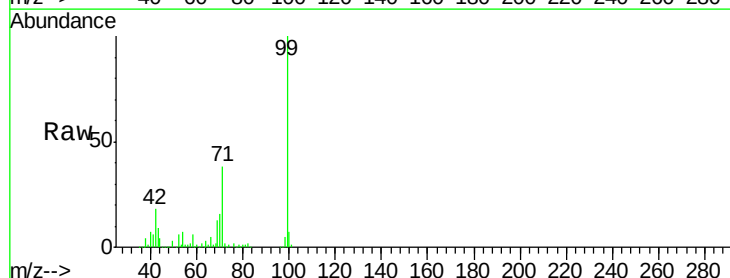
Tgt Ion: 99 Resp: 335065

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

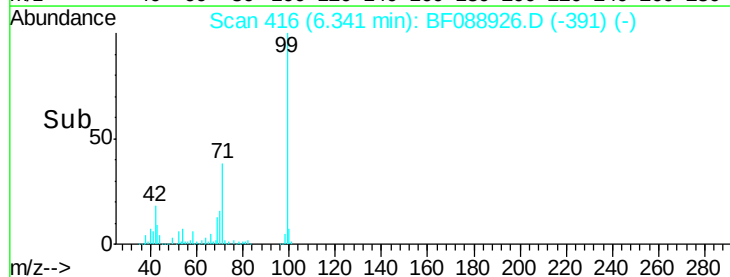
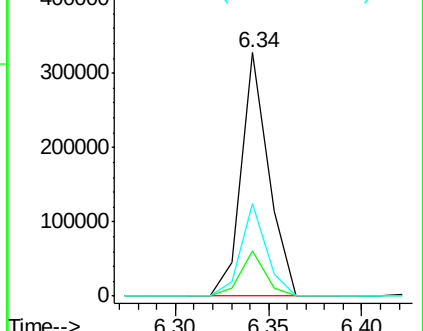
71 38.1 23.4 35.0#

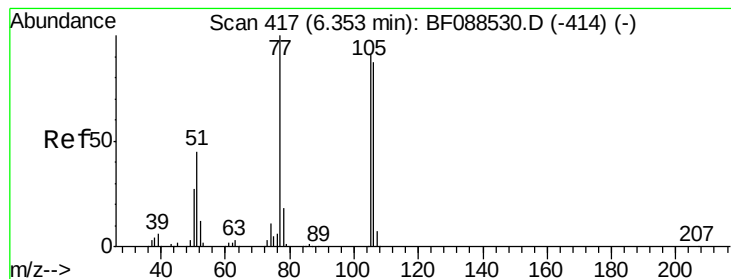


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 10.04 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

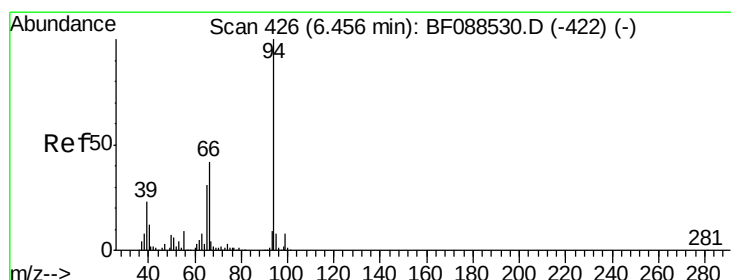
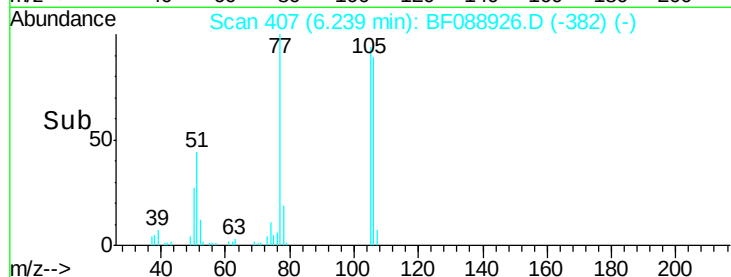
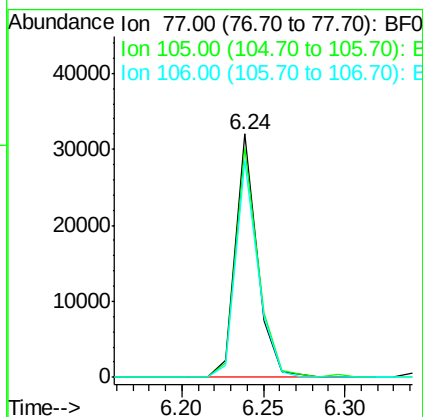
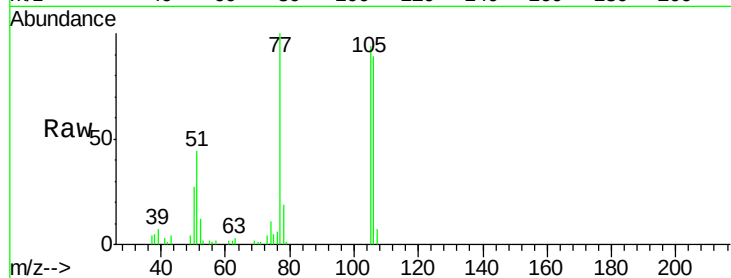
Tgt Ion: 77 Resp: 29469

Ion Ratio Lower Upper

77 100

105 94.1 90.6 130.6

106 89.0 85.3 125.3



#10

Phenol

Concen: 0.21 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

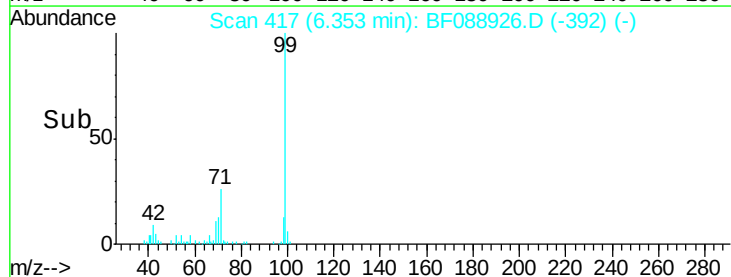
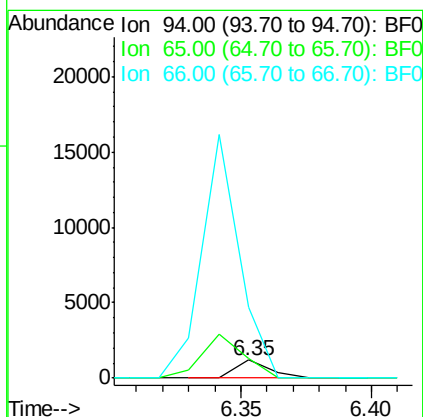
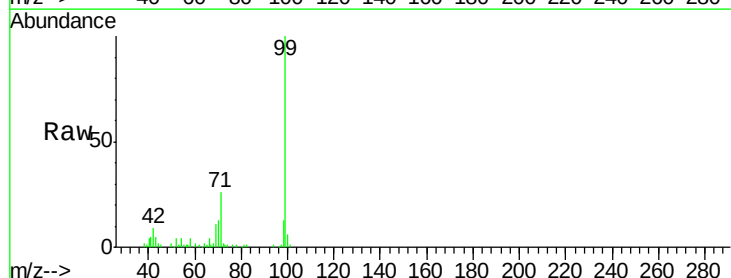
Tgt Ion: 94 Resp: 1040

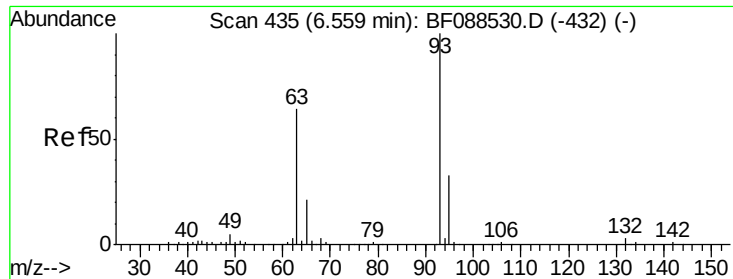
Ion Ratio Lower Upper

94 100

65 109.2 5.9 45.9#

66 394.4 14.0 54.0#

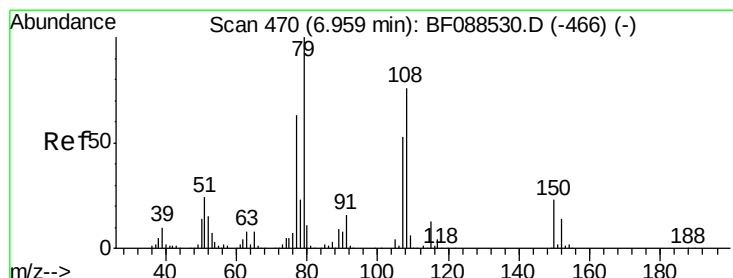
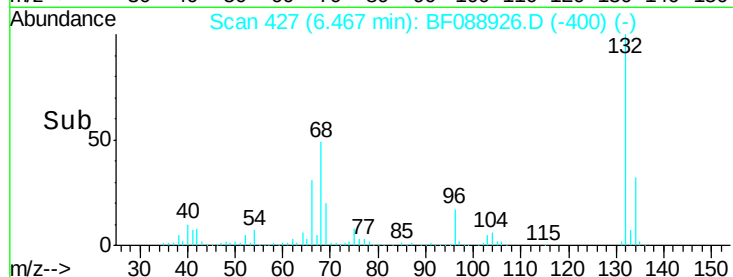
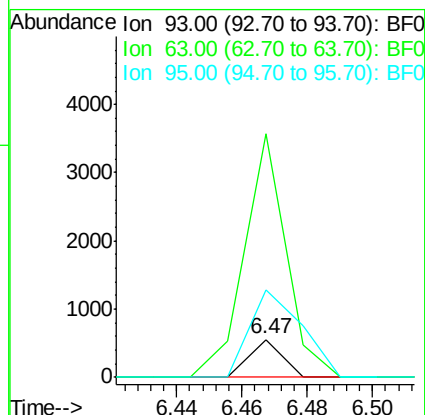
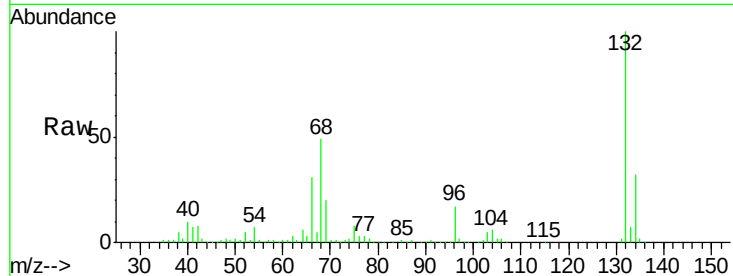




#11
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 6.47 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

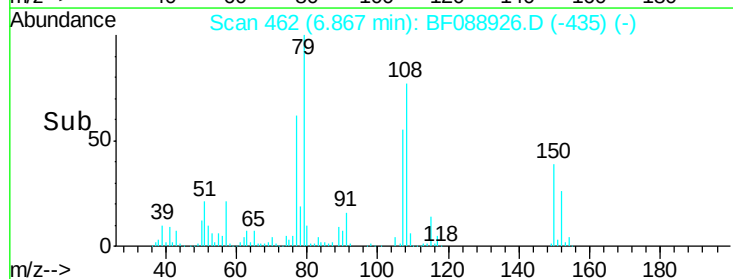
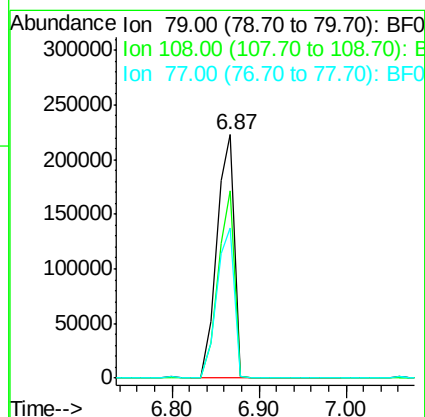
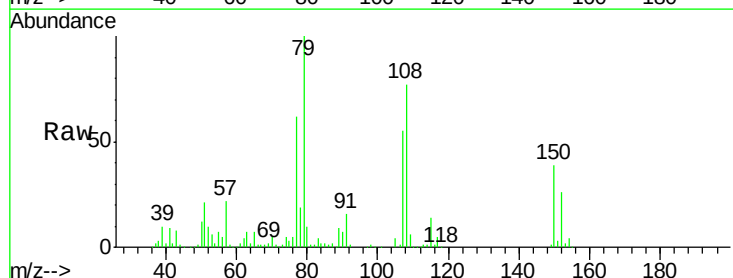
Instrument :
BNA_F
ClientSampled :
SS-1

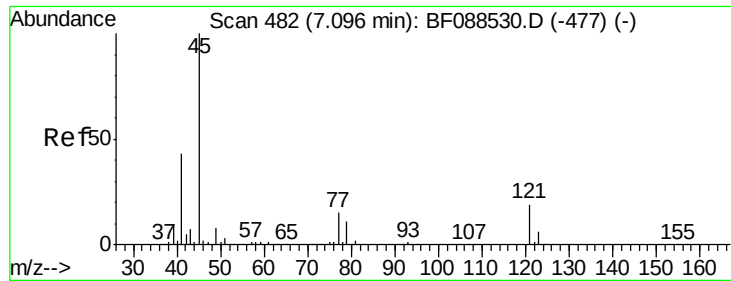
Tgt Ion: 93 Resp: 379
Ion Ratio Lower Upper
93 100
63 645.4 67.6 107.6#
95 232.4 12.5 52.5#



#15
Benzyl Alcohol
Concen: 99.44 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.01 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Tgt Ion: 79 Resp: 317177
Ion Ratio Lower Upper
79 100
108 76.8 65.0 97.6
77 61.6 50.3 75.5





#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.95 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.19 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

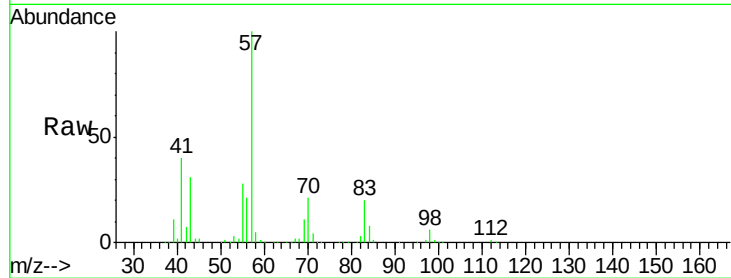
Tgt Ion: 45 Resp: 10424

Ion Ratio Lower Upper

45 100

77 17.6 0.0 32.5

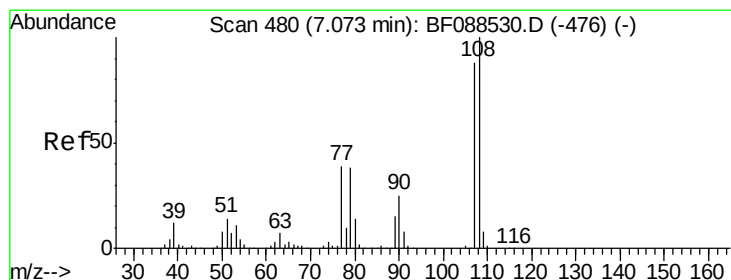
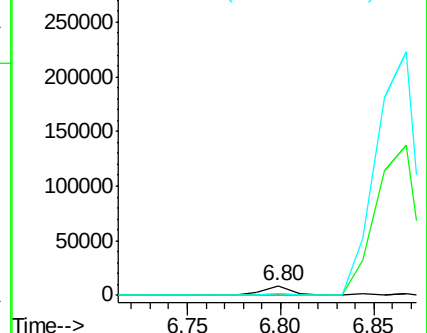
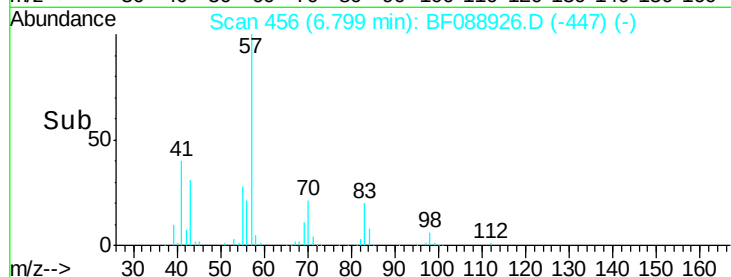
79 20.6 0.0 29.5



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#17

2-Methylphenol

Concen: 54.57 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.11 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Tgt Ion: 107 Resp: 160474

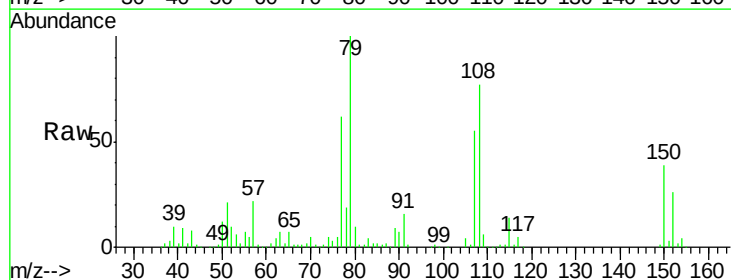
Ion Ratio Lower Upper

107 100

108 140.1 90.9 136.3#

77 112.5 36.6 55.0#

79 182.6 36.5 54.7#

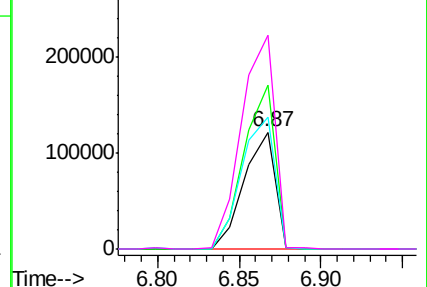
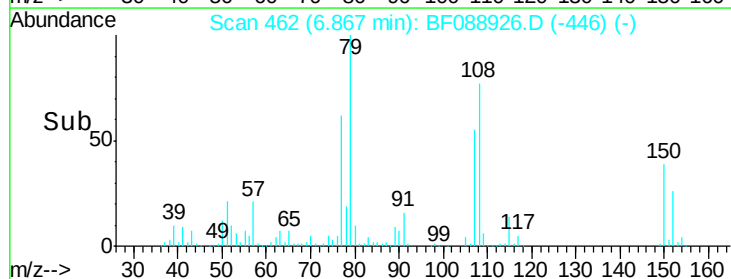


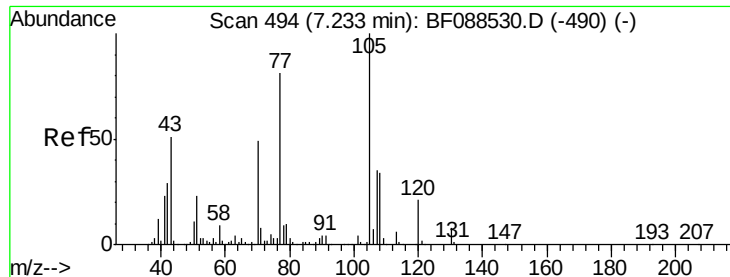
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

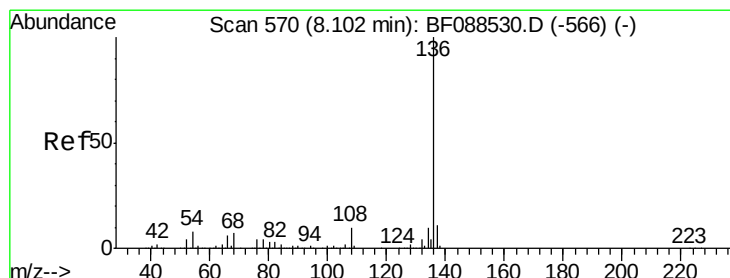
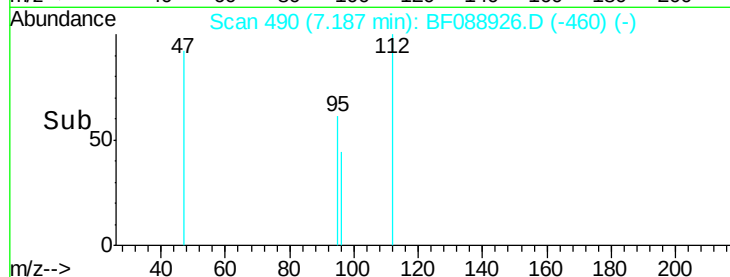
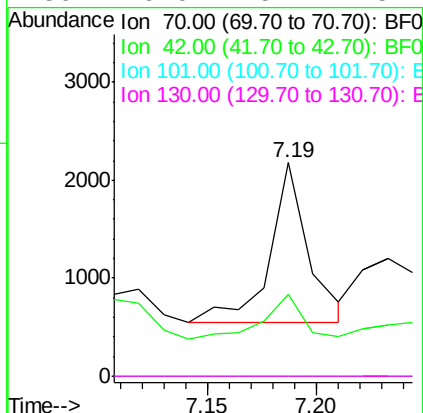
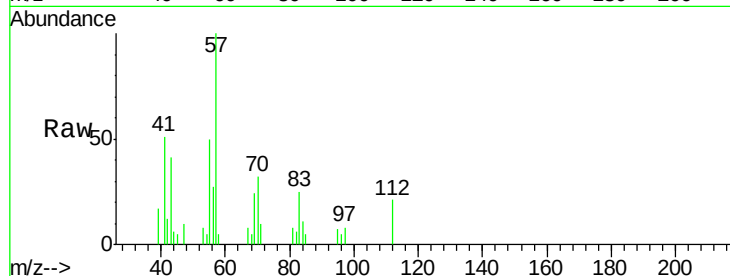




#19
n-Nitroso-di-n-propylamine
Concen: 0.71 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.05 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

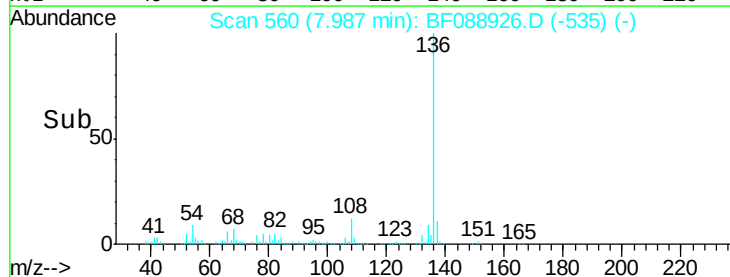
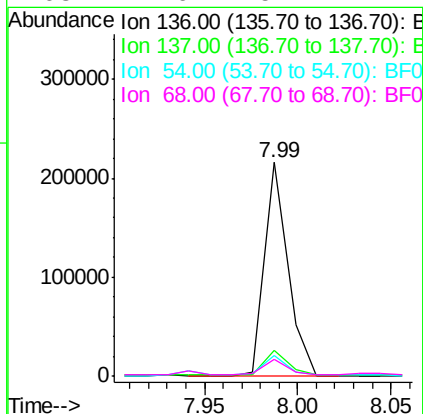
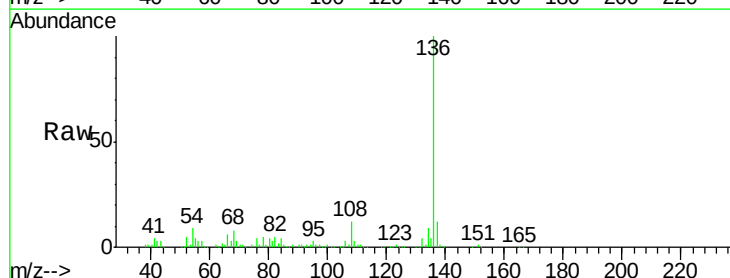
Instrument :
BNA_F
ClientSampleId :
SS-1

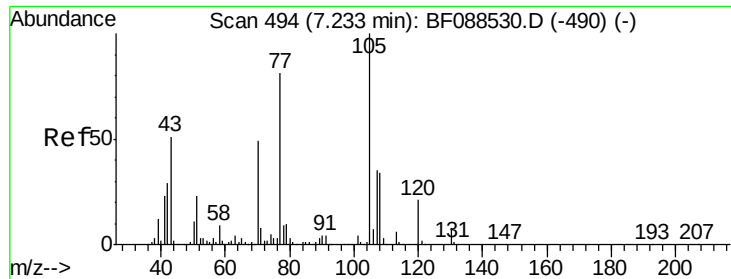
Tgt Ion: 70 Resp: 2053
Ion Ratio Lower Upper
70 100
42 38.5 49.6 74.4#
101 0.0 7.1 10.7#
130 0.0 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Tgt Ion: 136 Resp: 187370
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 9.4 6.6 10.0
68 7.6 5.1 7.7





#22

Acetophenone

Concen: 0.86 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

Tgt Ion: 105 Resp: 3893

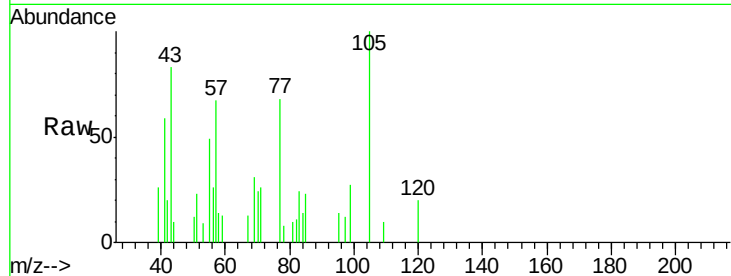
Ion Ratio Lower Upper

105 100

71 25.8 5.3 7.9#

51 23.4 18.2 27.4

120 20.3 18.0 27.0

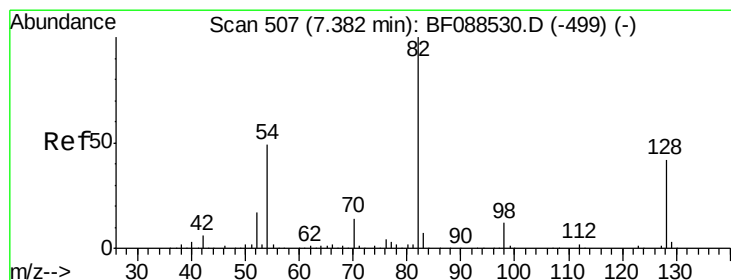
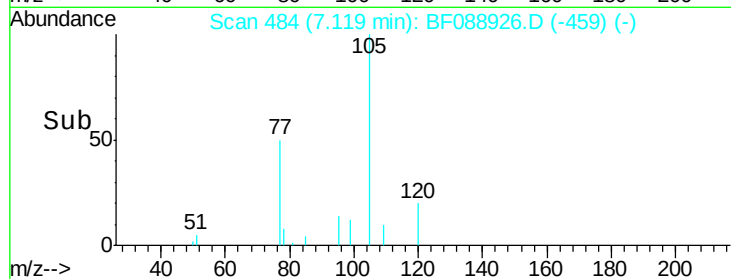
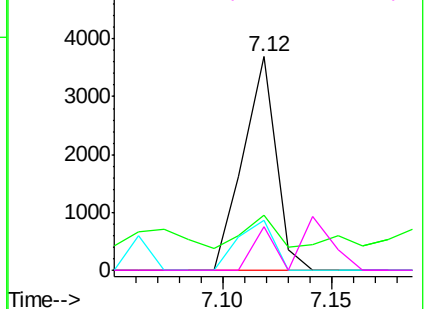


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 59.94 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

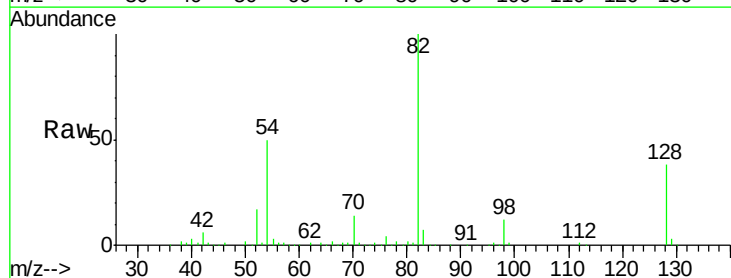
Tgt Ion: 82 Resp: 214328

Ion Ratio Lower Upper

82 100

128 38.2 35.9 53.9

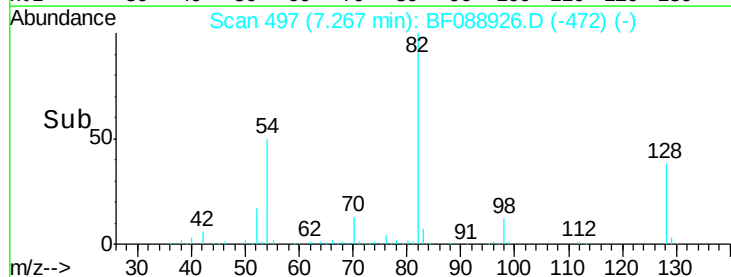
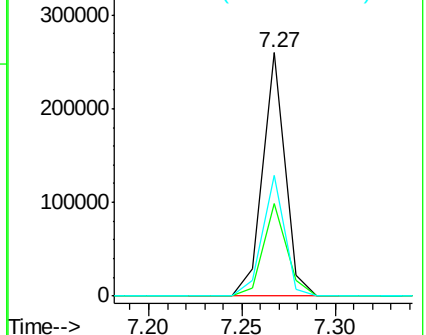
54 49.7 40.9 61.3

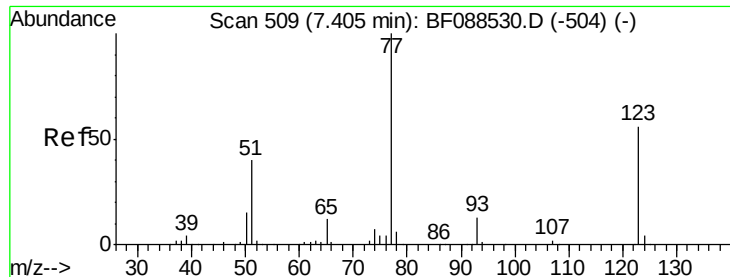


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

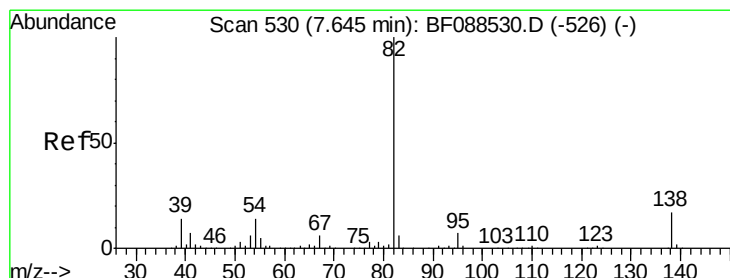
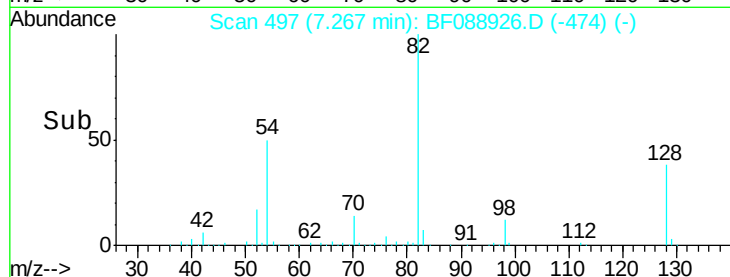
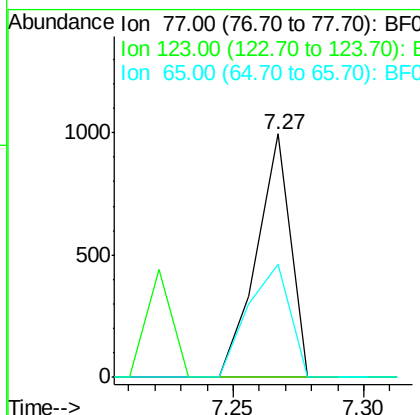
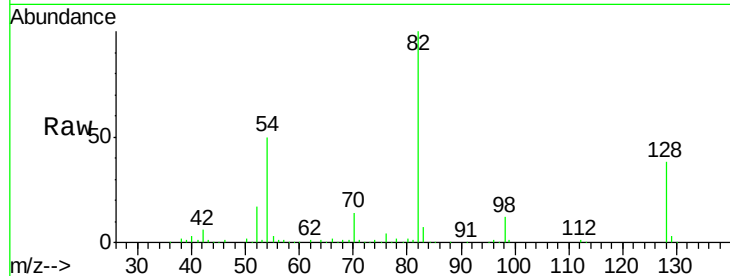




#24
 Nitrobenzene
 Concen: 0.25 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.03 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

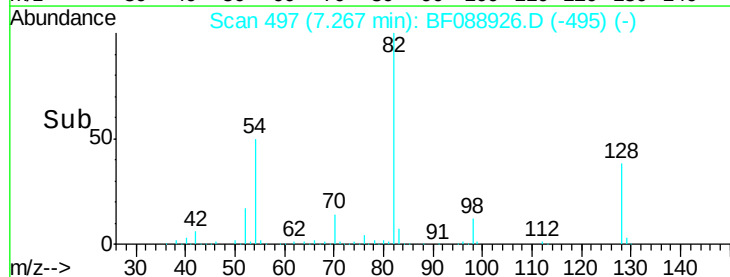
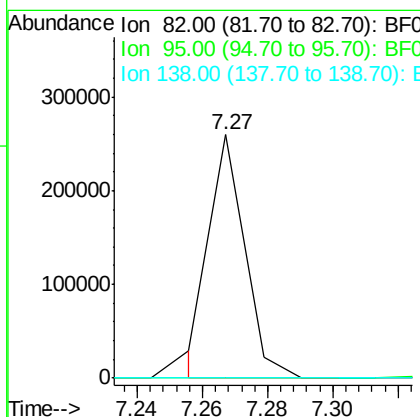
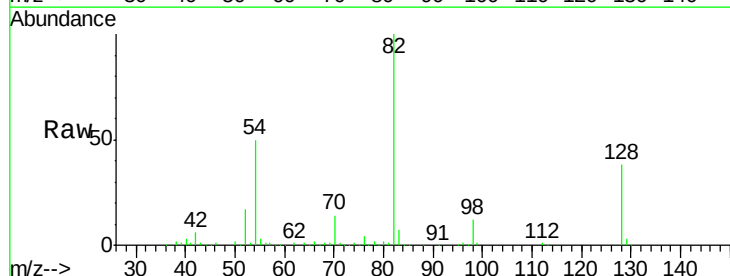
Instrument :
 BNA_F
 ClientSampled :
 SS-1

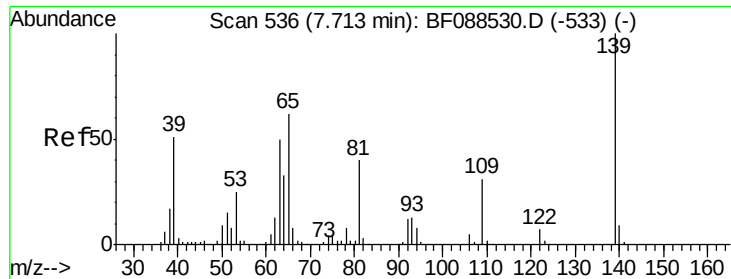
Tgt Ion: 77 Resp: 911
 Ion Ratio Lower Upper
 77 100
 123 0.0 45.0 67.4#
 65 46.4 10.2 15.2#



#25
 Isophorone
 Concen: 29.18 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.27 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

Tgt Ion: 82 Resp: 193240
 Ion Ratio Lower Upper
 82 100
 95 0.2 5.4 8.2#
 138 0.0 14.6 21.8#

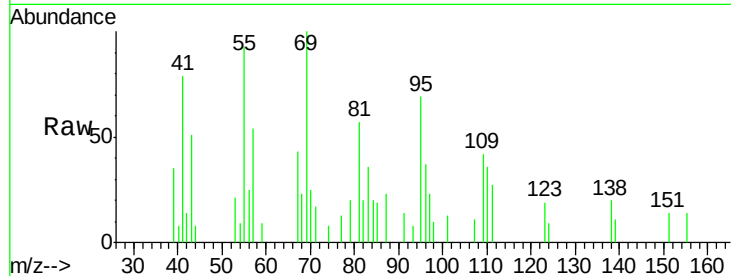




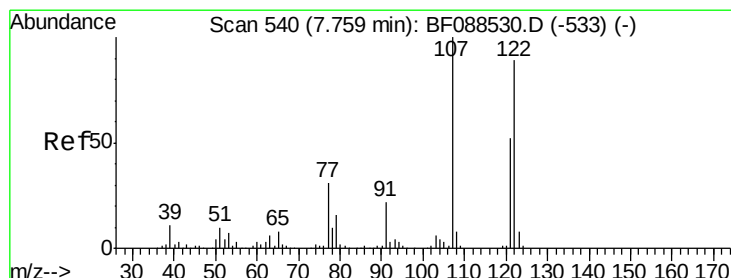
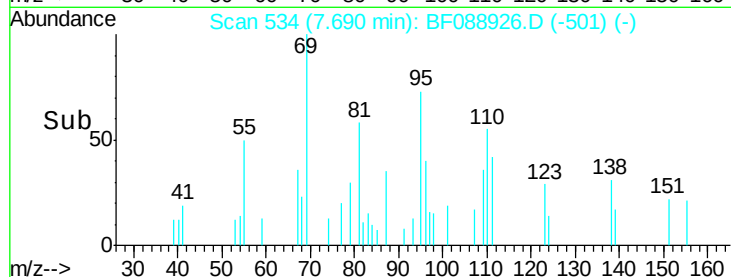
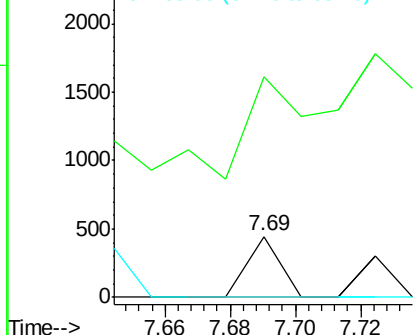
#26
2-Nitrophenol
Concen: 0.21 ng
RT: 7.69 min Scan# 534
Delta R.T. 0.08 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Instrument :
BNA_F
ClientSampled :
SS-1

Tgt Ion:139 Resp: 304
Ion Ratio Lower Upper
139 100
109 363.2 23.0 34.4#
65 0.0 45.8 68.8#

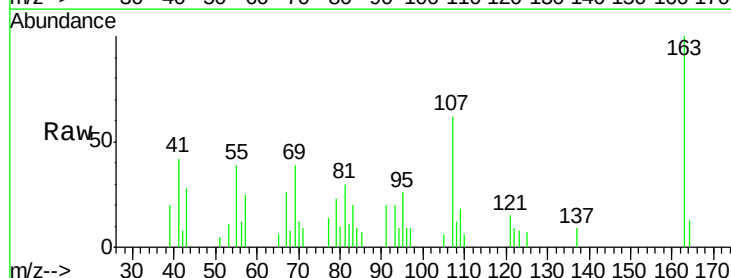


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

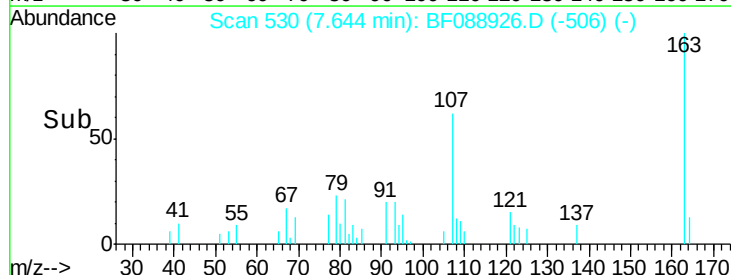
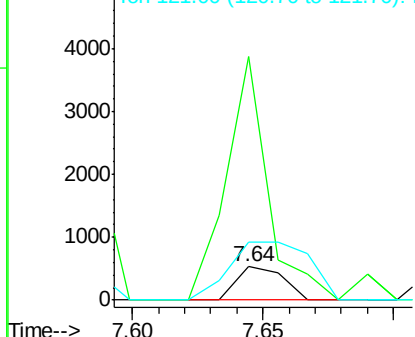


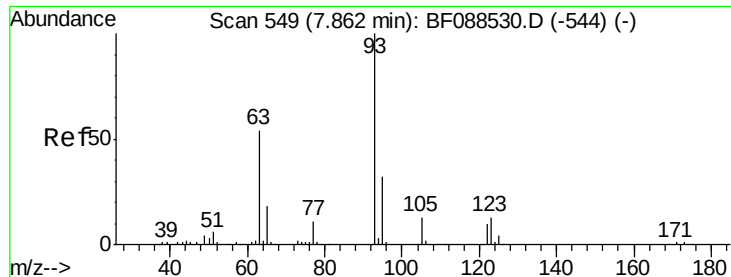
#27
2,4-Dimethylphenol
Concen: 0.21 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Tgt Ion:122 Resp: 661
Ion Ratio Lower Upper
122 100
107 723.9 82.4 123.6#
121 171.4 46.3 69.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 0.64 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.03 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

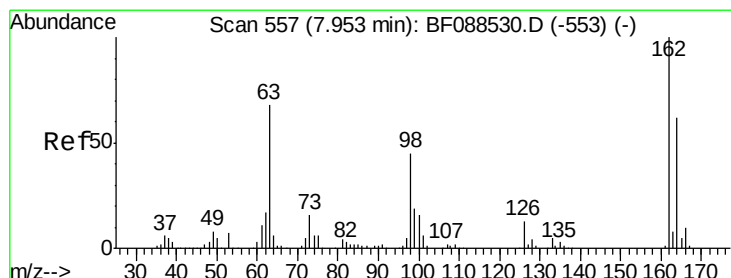
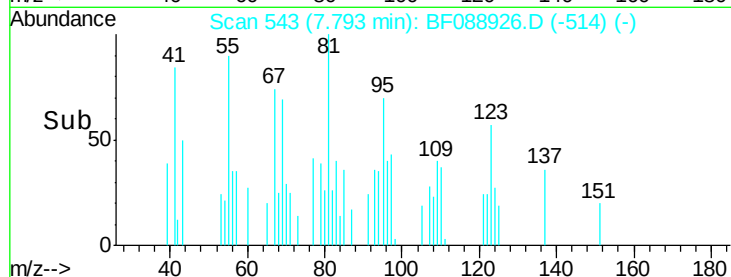
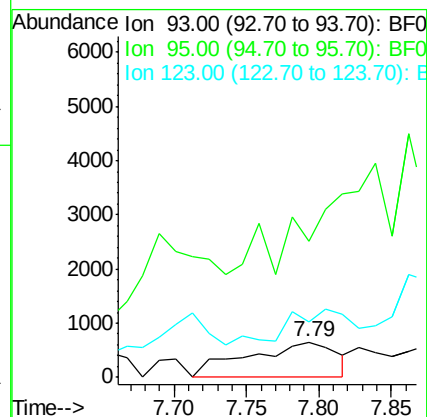
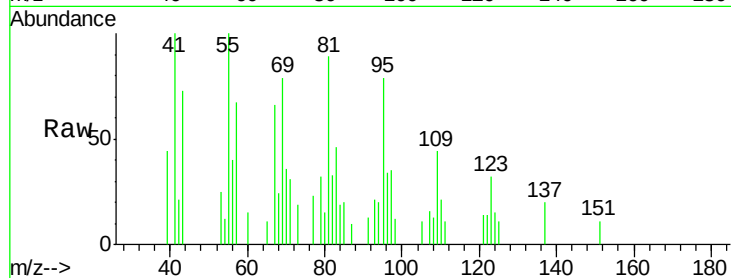
Tgt Ion: 93 Resp: 2773

Ion Ratio Lower Upper

93 100

95 385.9 26.5 39.7#

123 156.7 11.6 17.4#



#29

2,4-Dichlorophenol

Concen: 0.17 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.09 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

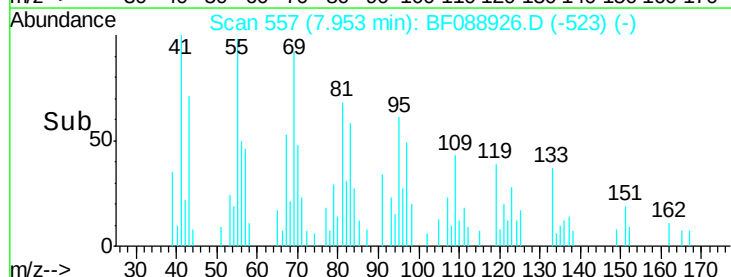
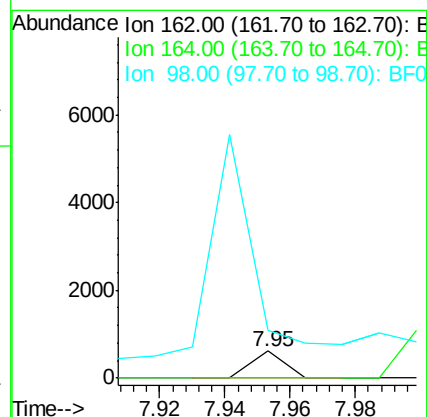
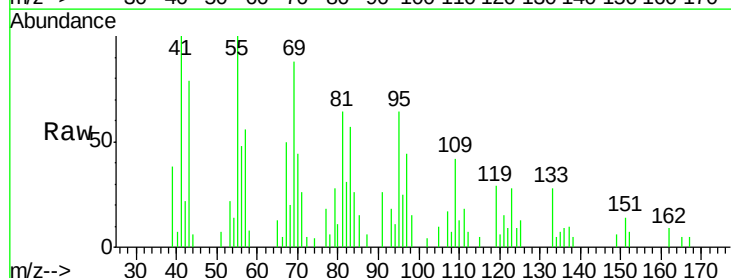
Tgt Ion: 162 Resp: 424

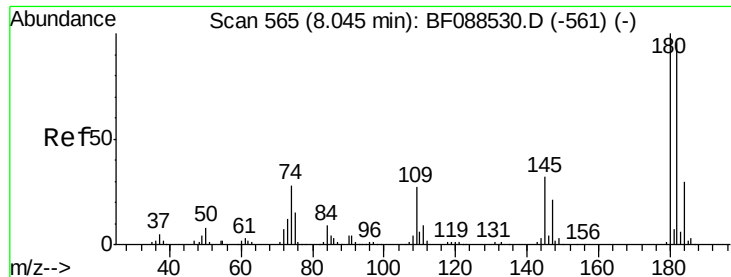
Ion Ratio Lower Upper

162 100

164 0.0 43.8 83.8#

98 177.7 21.3 61.3#

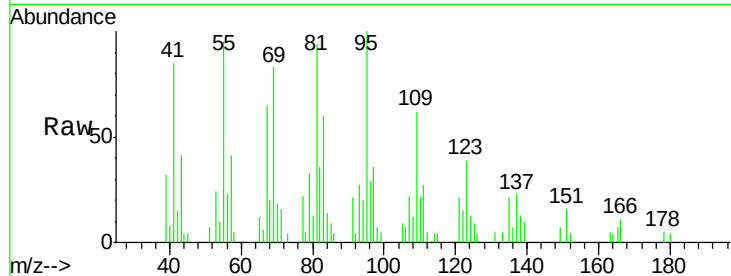




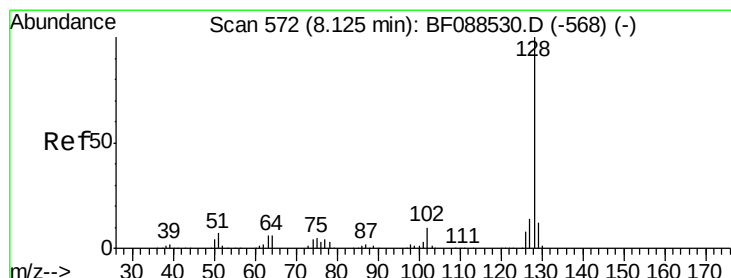
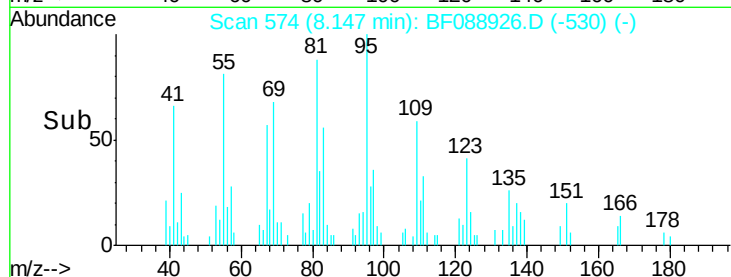
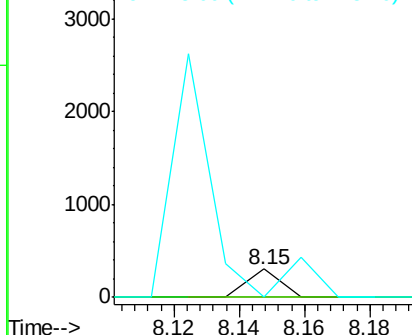
#30
1,2,4-Trichlorobenzene
Concen: 0.08 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.21 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Instrument :
BNA_F
ClientSampleId :
SS-1

Tgt Ion:180 Resp: 206
Ion Ratio Lower Upper
180 100
182 0.0 76.0 114.0#
145 0.0 26.5 39.7#

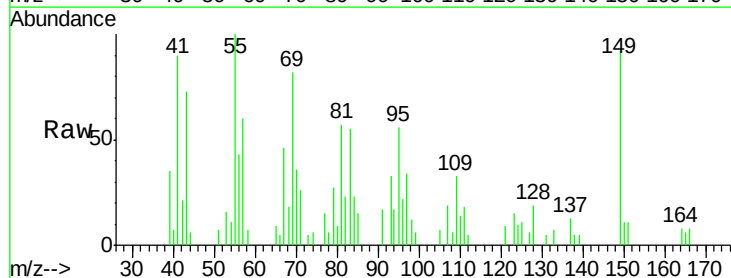


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

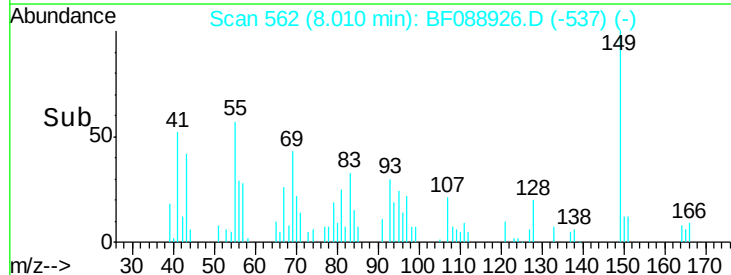
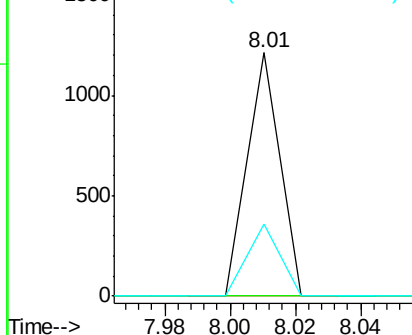


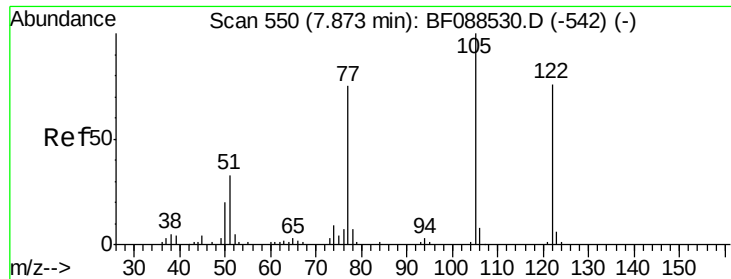
#31
Naphthalene
Concen: 0.09 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Tgt Ion:128 Resp: 832
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.2#
127 29.7 10.9 16.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 0.59 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampled :

SS-1

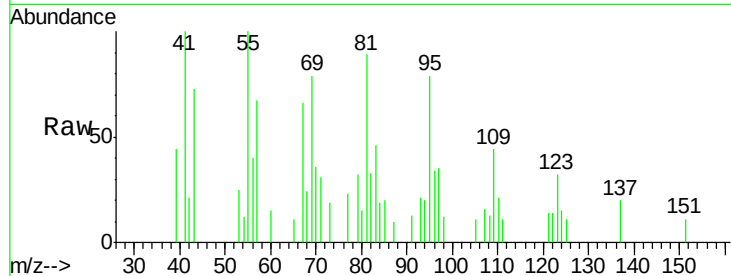
Tgt Ion:122 Resp: 1318

Ion Ratio Lower Upper

122 100

105 81.1 101.6 141.6#

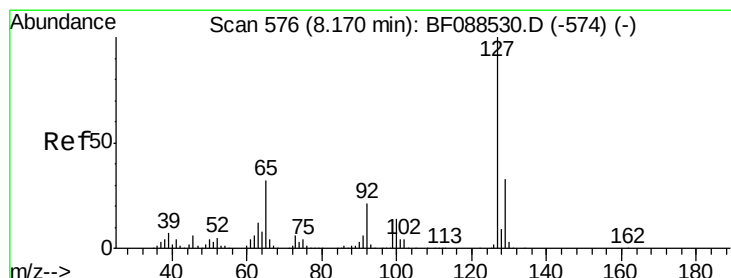
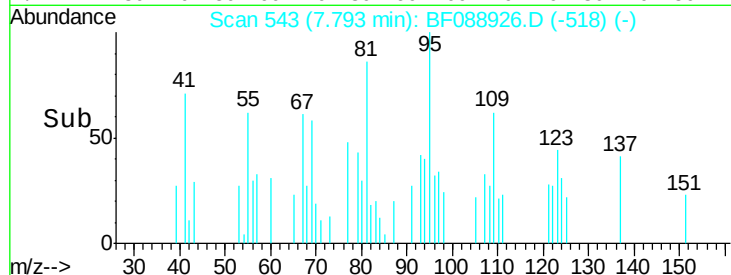
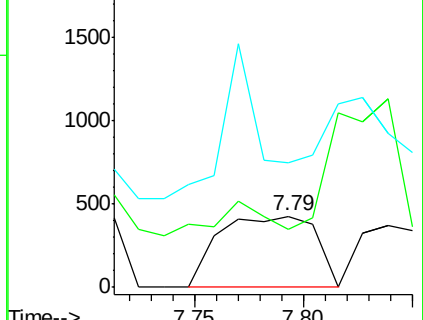
77 173.7 70.6 110.6#



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



#33

4-Chloroaniline

Concen: 0.06 ng

RT: 8.08 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Tgt Ion:127 Resp: 252

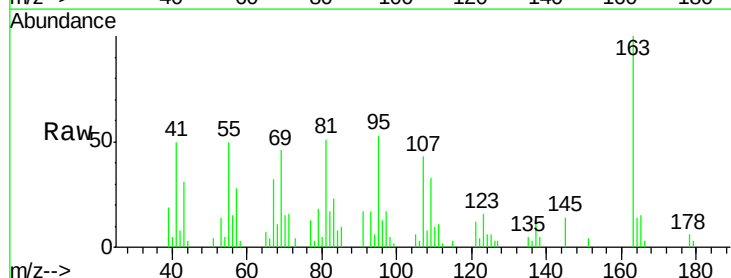
Ion Ratio Lower Upper

127 100

129 0.0 26.3 39.5#

65 237.3 24.7 37.1#

92 0.0 15.4 23.0#

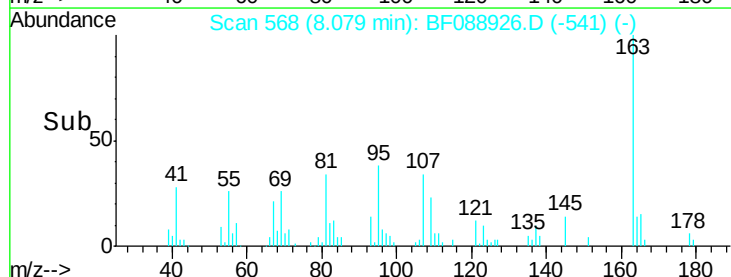
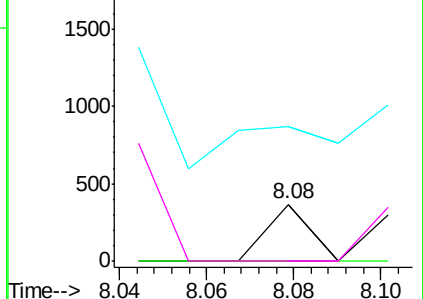


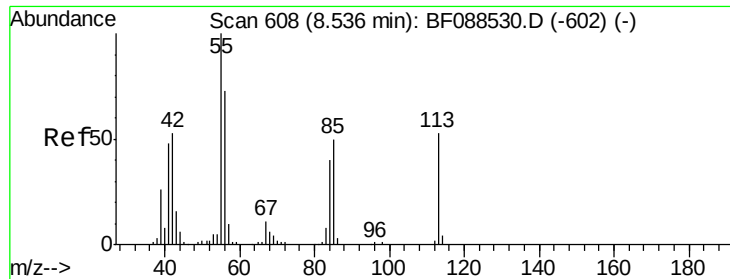
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 0.55 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.11 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampled :

SS-1

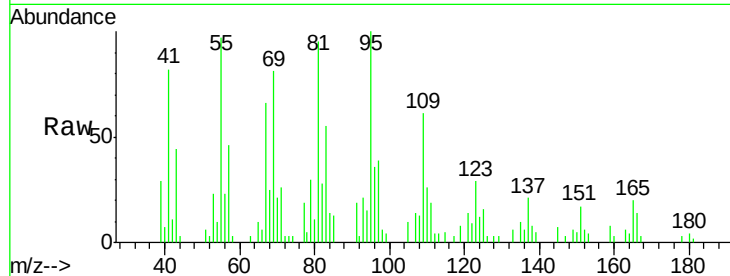
Tgt Ion:113 Resp: 468

Ion Ratio Lower Upper

113 100

55 2753.7 158.6 198.6#

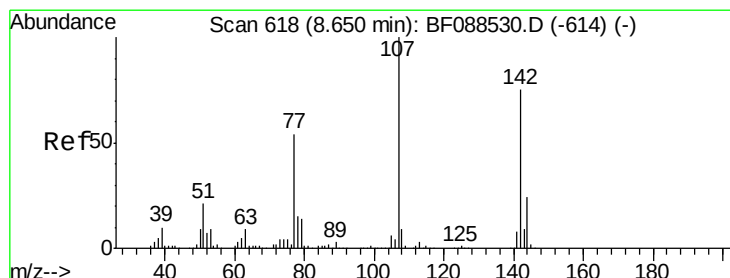
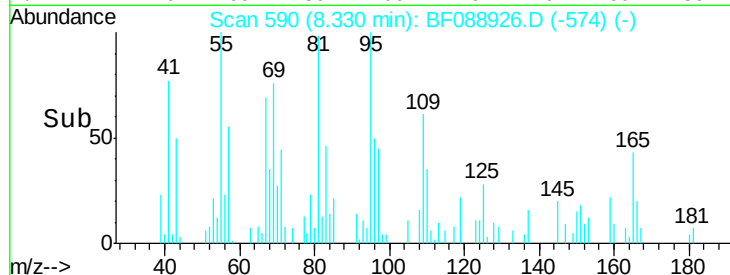
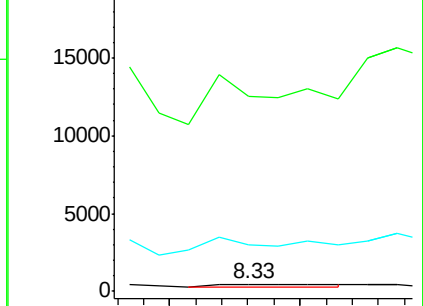
56 664.3 110.6 150.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 4.37 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

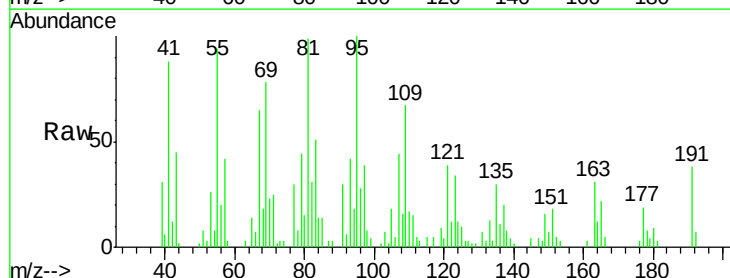
Tgt Ion:107 Resp: 12871

Ion Ratio Lower Upper

107 100

144 0.0 20.8 31.2#

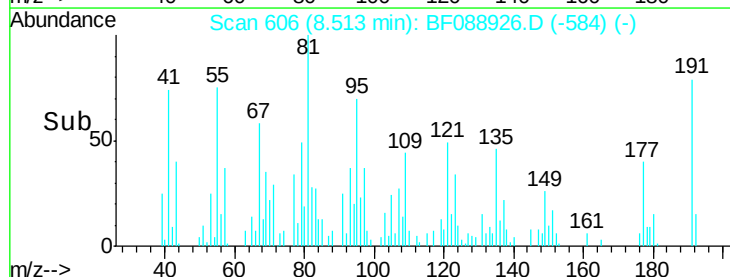
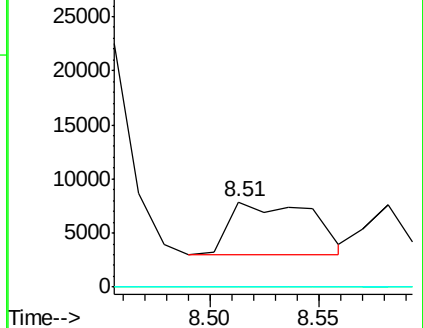
142 0.0 63.4 95.2#

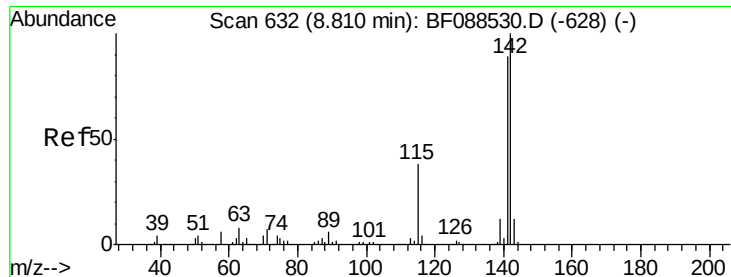


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

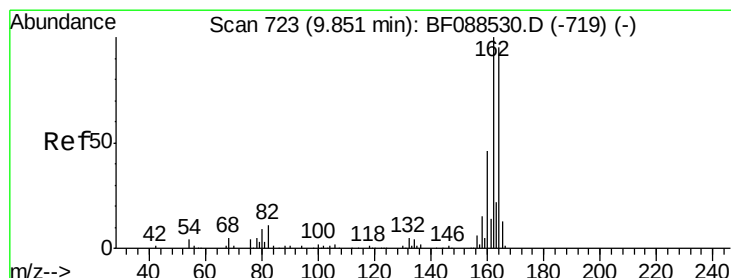
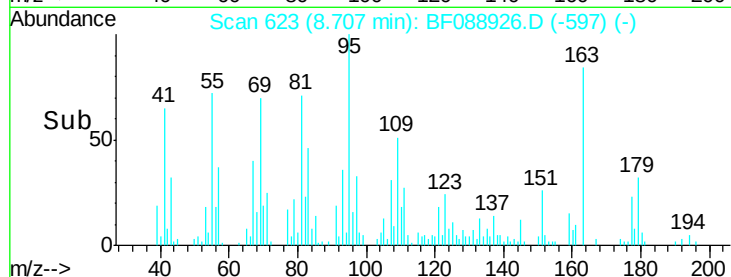
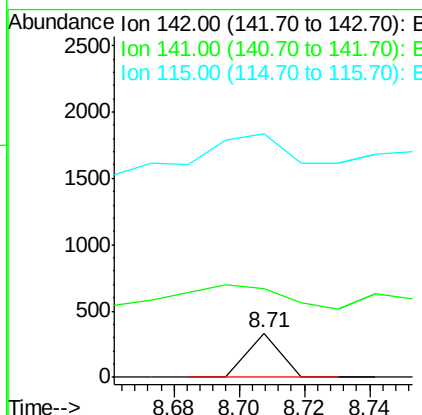
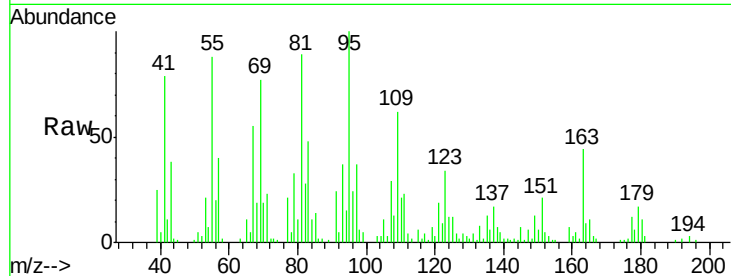




#37
 2-Methylnaphthalene
 Concen: 0.04 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

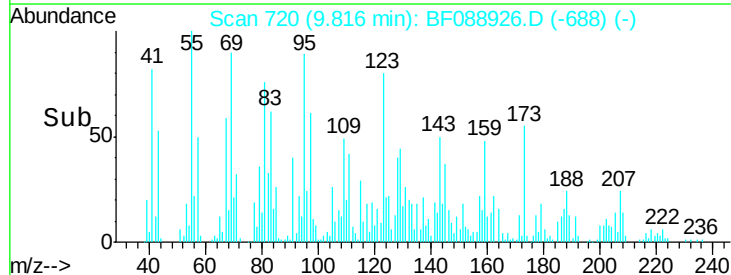
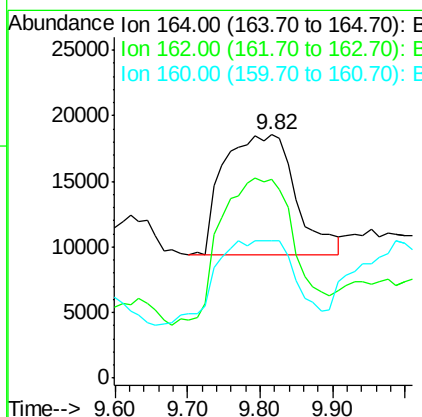
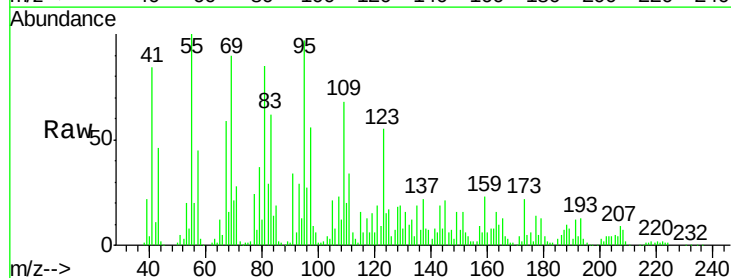
Instrument :
 BNA_F
 ClientSampled :
 SS-1

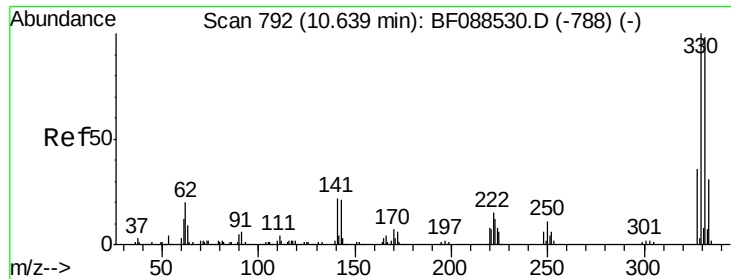
Tgt Ion:142 Resp: 230
 Ion Ratio Lower Upper
 142 100
 141 199.7 71.0 106.6#
 115 547.8 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.07 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

Tgt Ion:164 Resp: 62979
 Ion Ratio Lower Upper
 164 100
 162 81.4 85.4 128.2#
 160 56.2 39.5 59.3

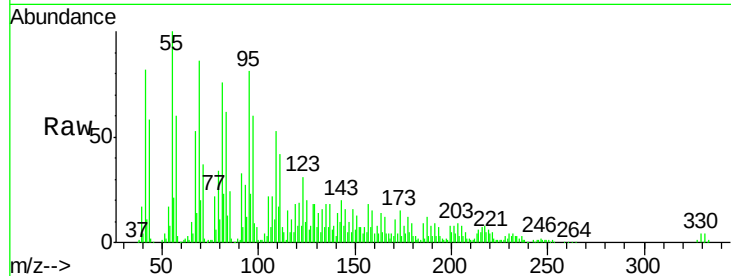




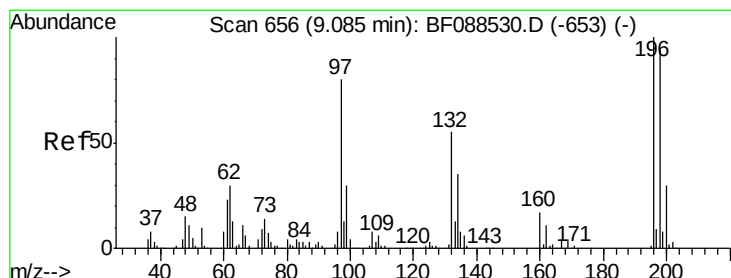
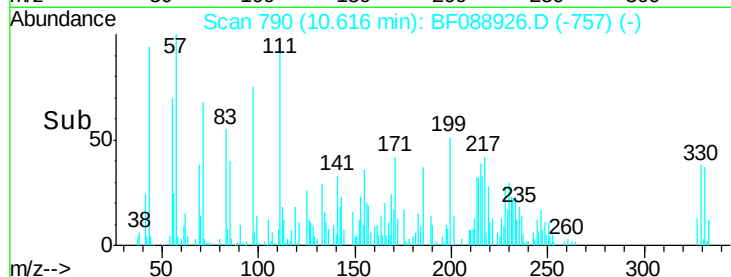
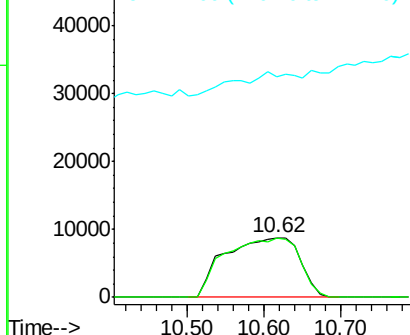
#41
 2,4,6-Tribromophenol
 Concen: 101.27 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.08 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

Instrument :
 BNA_F
 ClientSampled :
 SS-1

Tgt Ion:330 Resp: 59223
 Ion Ratio Lower Upper
 330 100
 332 99.0 0.0 0.0#
 141 7.0 0.0 0.0#

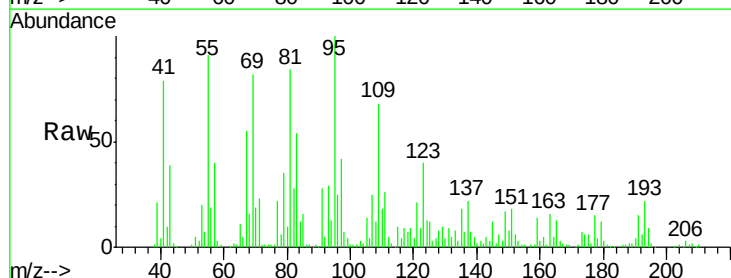


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

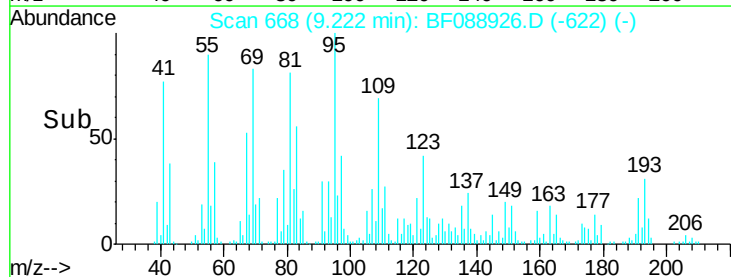
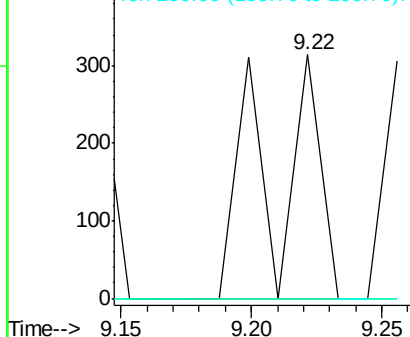


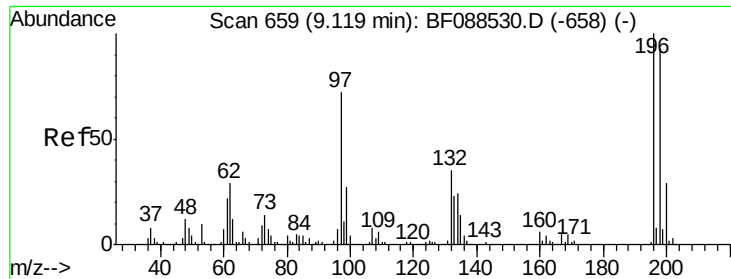
#42
 2,4,6-Trichlorophenol
 Concen: 0.31 ng
 RT: 9.22 min Scan# 668
 Delta R.T. 0.23 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

Tgt Ion:196 Resp: 429
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.0 117.0#
 200 0.0 25.4 38.2#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

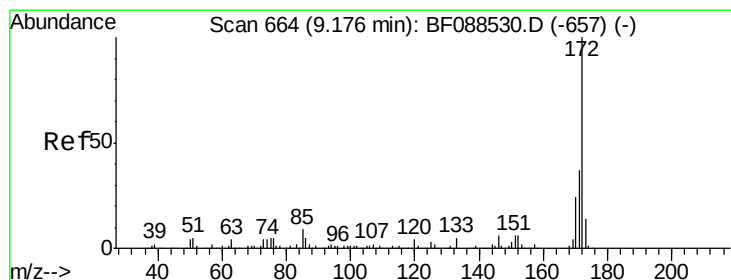
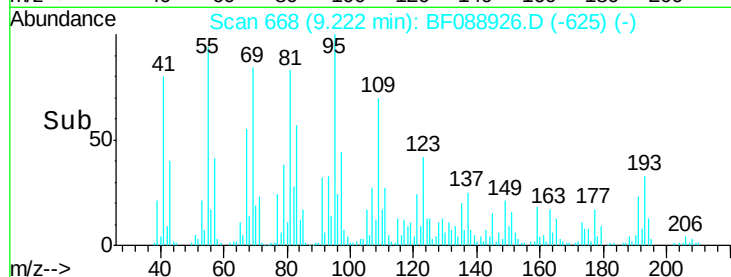
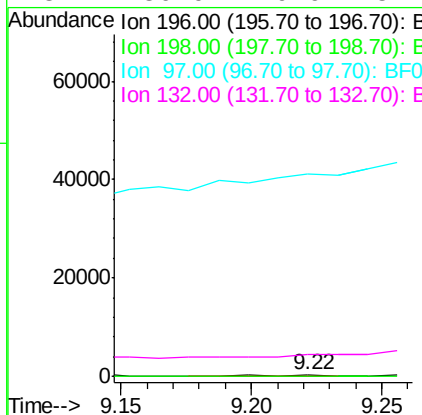
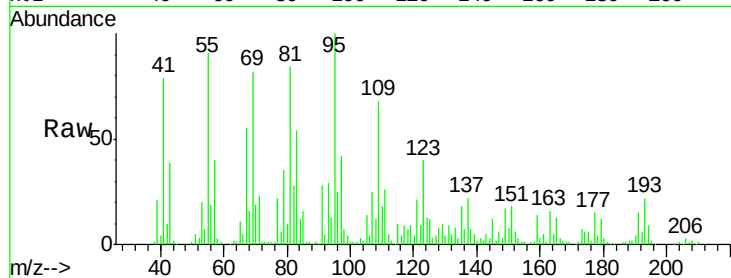




#43
 2,4,5-Trichlorophenol
 Concen: 0.36 ng
 RT: 9.22 min Scan# 668
 Delta R.T. 0.19 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

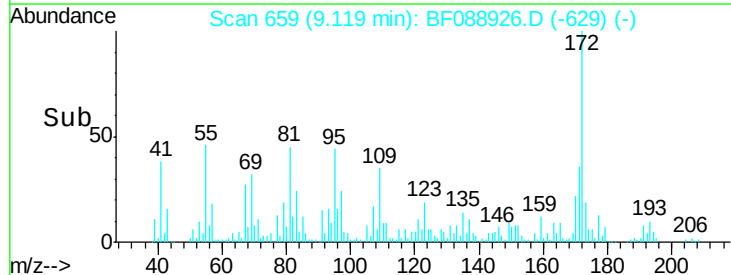
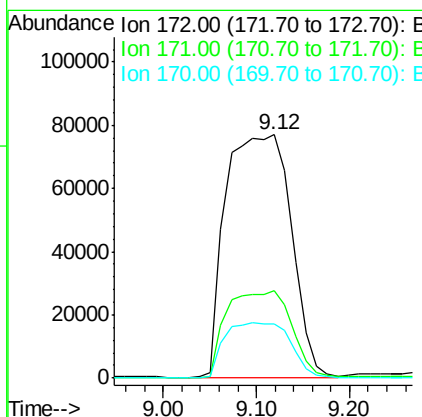
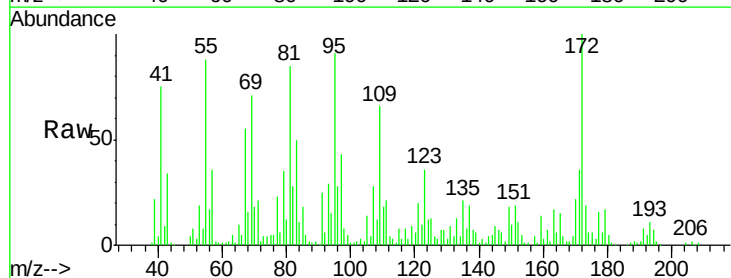
Instrument :
 BNA_F
 ClientSampleId :
 SS-1

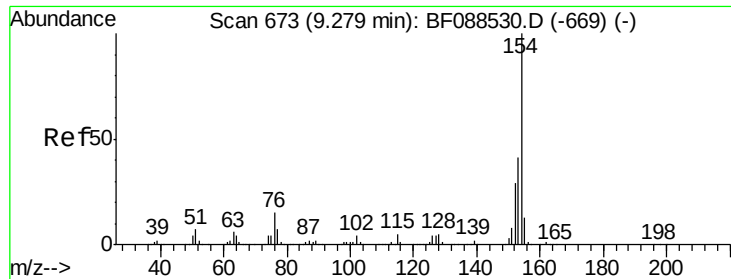
Tgt Ion:196 Resp: 429
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.5 116.3#
 97 13070.1 32.0 48.0#
 132 1430.9 20.9 31.3#



#44
 2-Fluorobiphenyl
 Concen: 93.72 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.05 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

Tgt Ion:172 Resp: 373662
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 22.5 19.2 28.8





#45

1,1'-Biphenyl

Concen: 0.51 ng

RT: 9.26 min Scan# 671

Delta R.T. 0.08 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampled :

SS-1

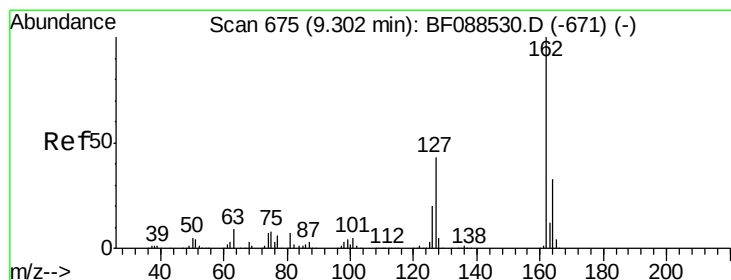
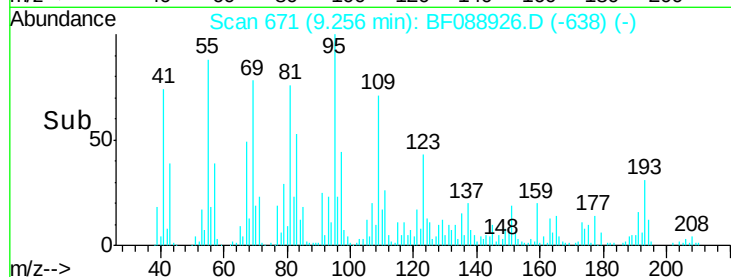
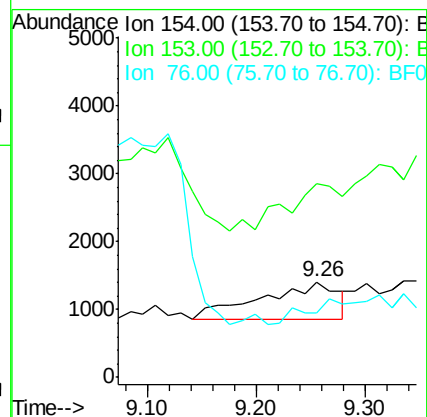
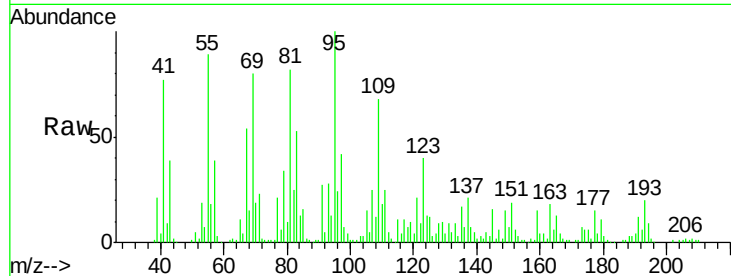
Tgt Ion:154 Resp: 2652

Ion Ratio Lower Upper

154 100

153 202.8 20.6 60.6#

76 66.7 0.0 35.1#



#46

2-Chloronaphthalene

Concen: 0.08 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

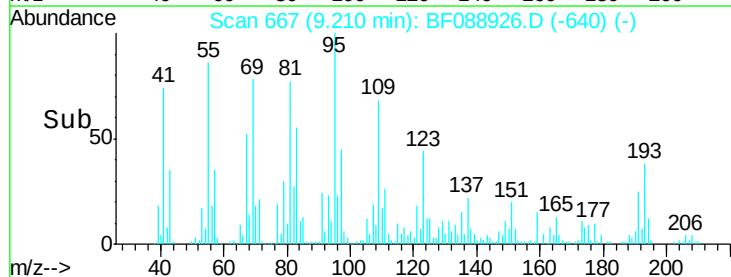
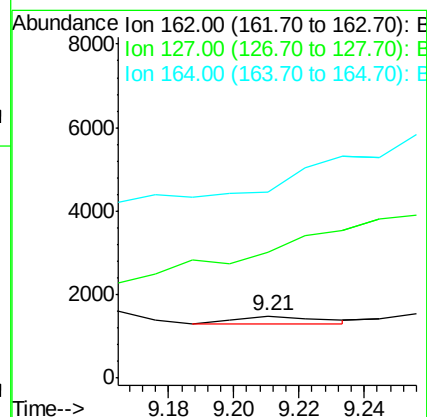
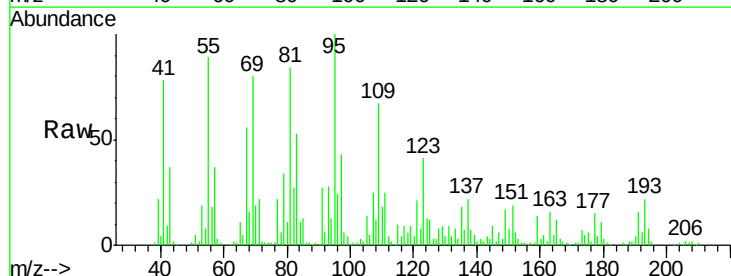
Tgt Ion:162 Resp: 339

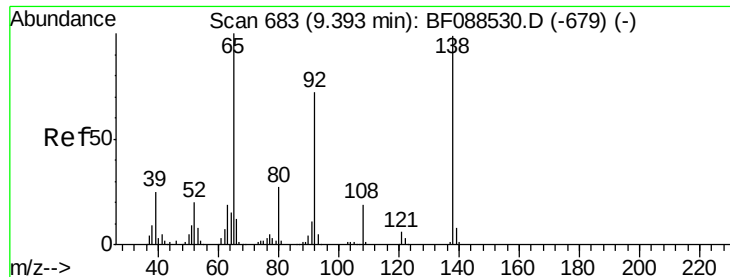
Ion Ratio Lower Upper

162 100

127 201.5 35.2 52.8#

164 298.6 26.6 39.8#

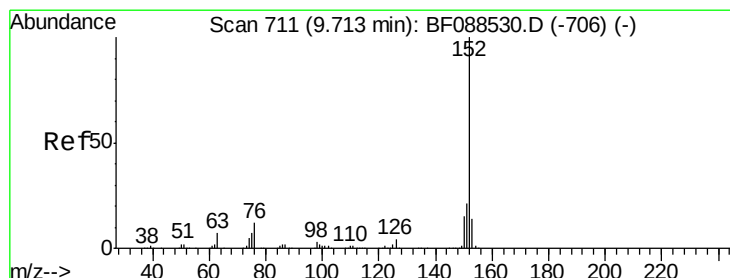
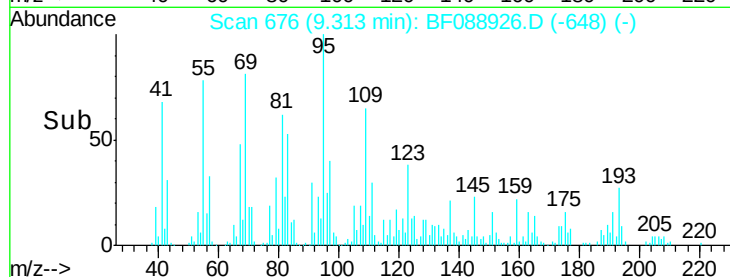
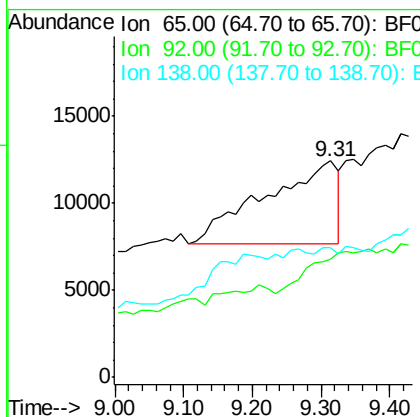
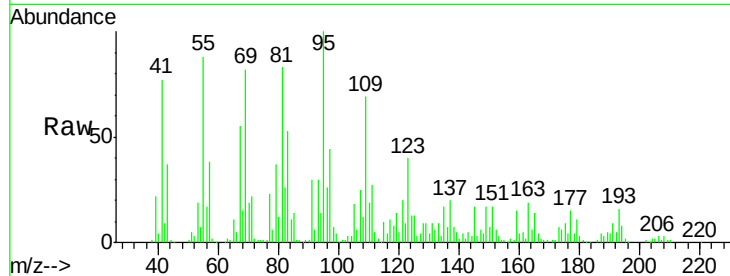




#47
2-Nitroaniline
Concen: 24.20 ng
RT: 9.31 min Scan# 676
Delta R.T. 0.02 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

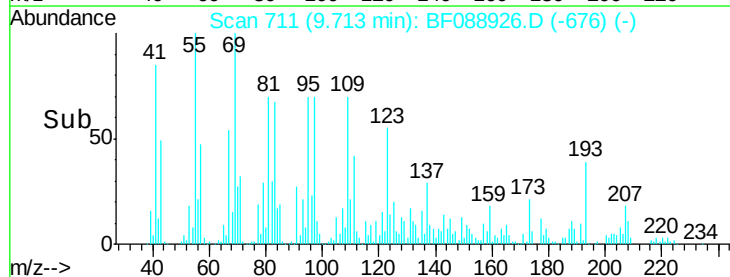
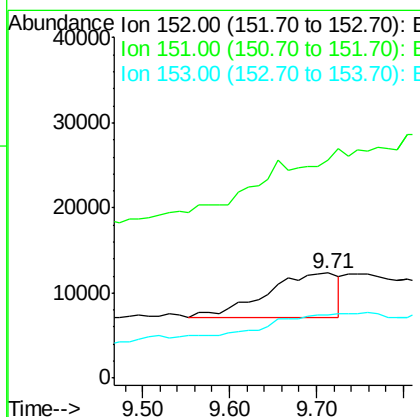
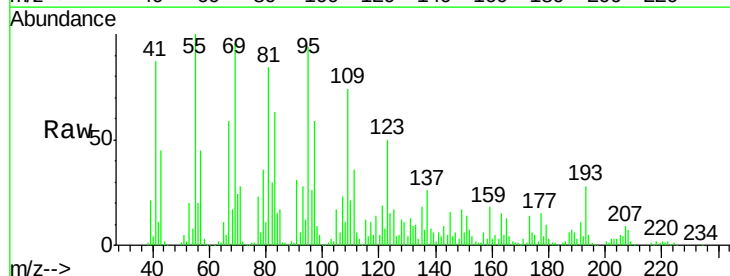
Instrument :
BNA_F
ClientSampleId :
SS-1

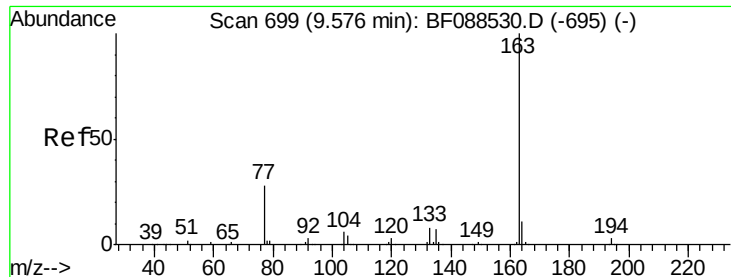
Tgt Ion: 65 Resp: 35155
Ion Ratio Lower Upper
65 100
92 54.9 54.6 82.0
138 60.0 77.0 115.4#



#48
Acenaphthylene
Concen: 4.78 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.10 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Tgt Ion: 152 Resp: 31146
Ion Ratio Lower Upper
152 100
151 207.2 16.2 24.4#
153 60.7 11.0 16.6#

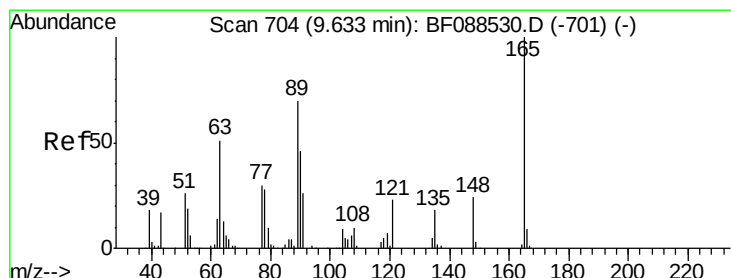
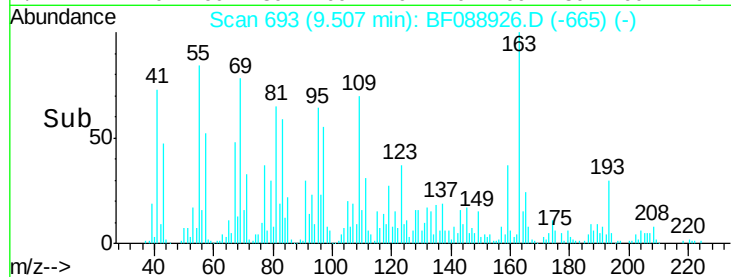
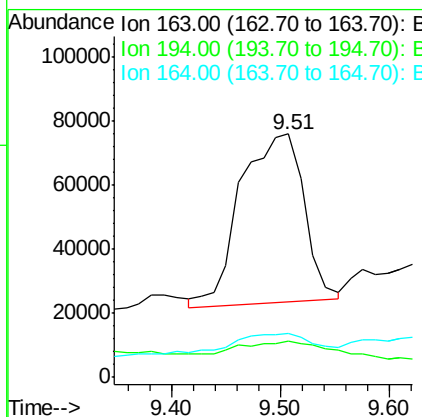
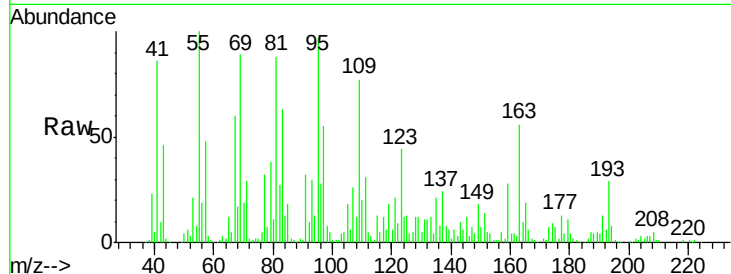




#49
Dimethylphthalate
Concen: 47.44 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.02 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

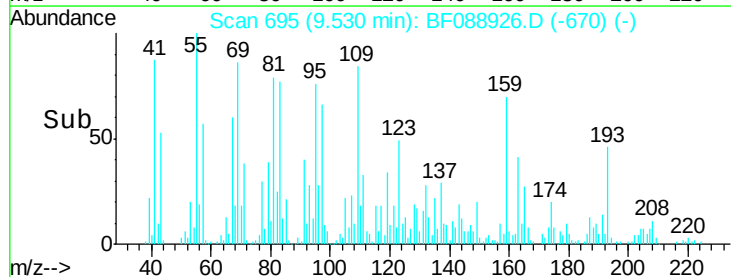
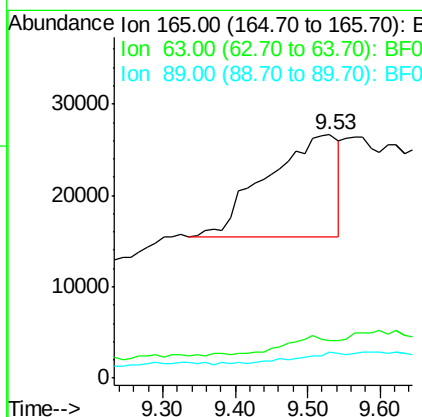
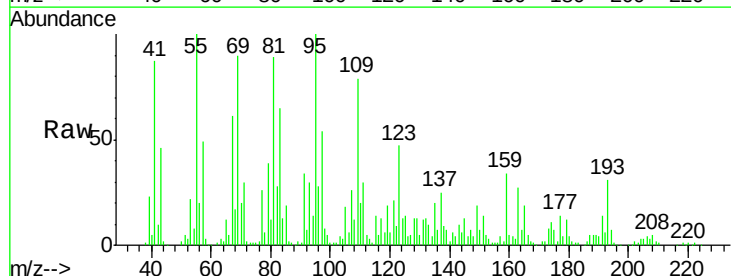
Instrument :
BNA_F
ClientSampleId :
SS-1

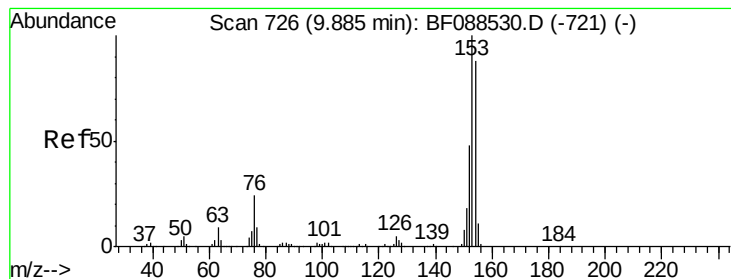
Tgt Ion:163 Resp: 212860
Ion Ratio Lower Upper
163 100
194 14.9 2.8 4.2#
164 17.8 8.3 12.5#



#50
2,6-Dinitrotoluene
Concen: 78.03 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Tgt Ion:165 Resp: 77598
Ion Ratio Lower Upper
165 100
63 15.3 28.1 42.1#
89 10.9 32.2 48.2#





#51

Acenaphthene

Concen: 1.54 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.07 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampled :

SS-1

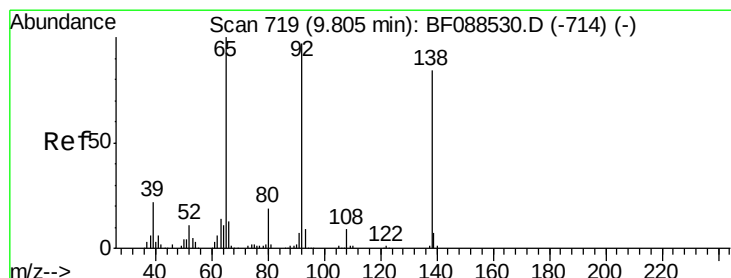
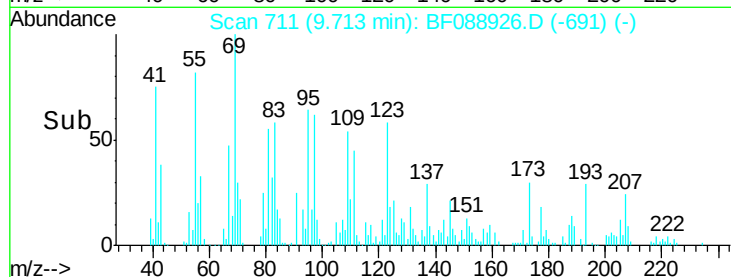
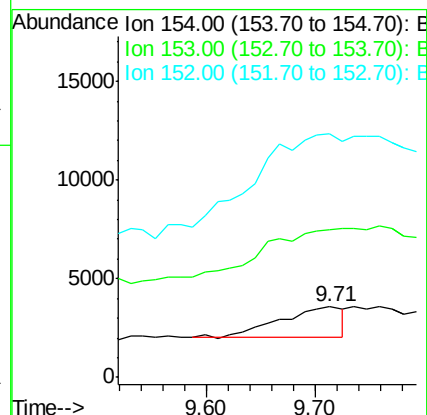
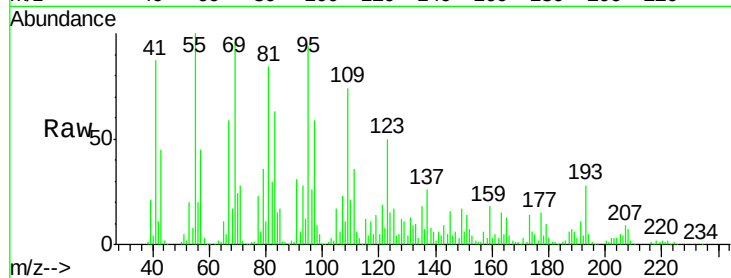
Tgt Ion:154 Resp: 6169

Ion Ratio Lower Upper

154 100

153 210.0 89.5 134.3#

152 345.9 42.7 64.1#



#52

3-Nitroaniline

Concen: 13.00 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.03 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

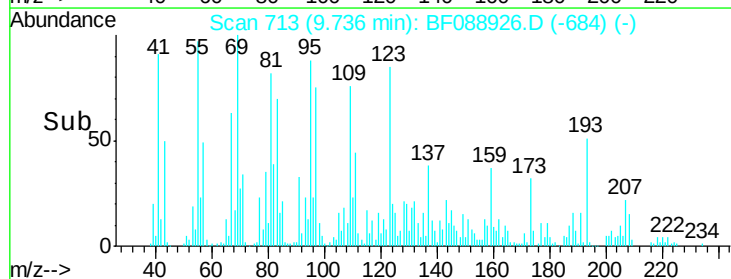
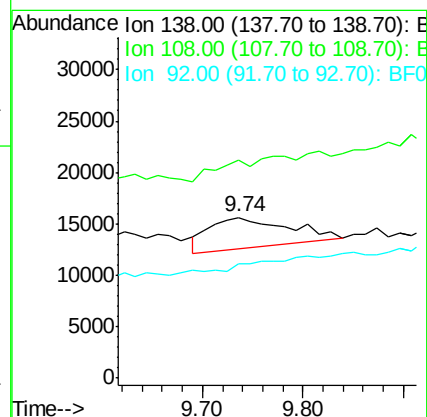
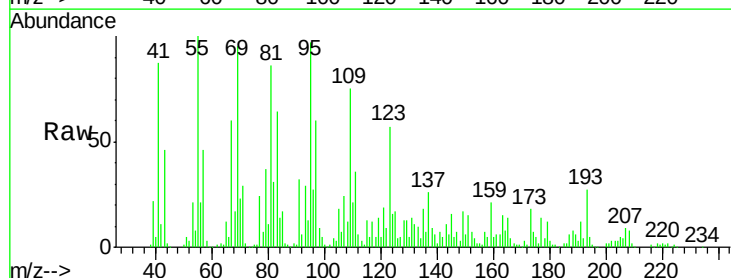
Tgt Ion:138 Resp: 16429

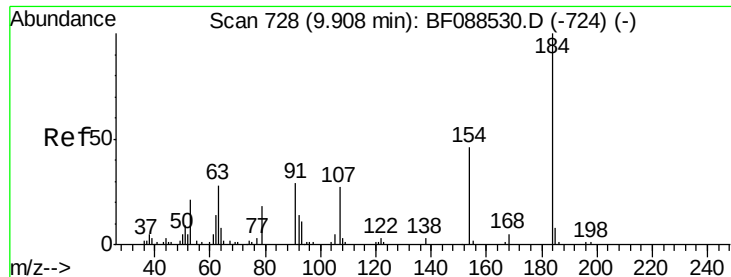
Ion Ratio Lower Upper

138 100

108 135.2 8.5 12.7#

92 70.7 95.7 143.5#

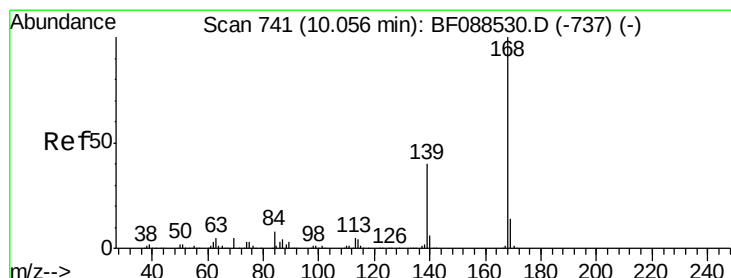
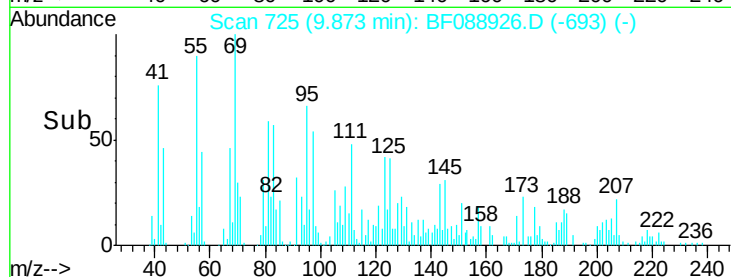
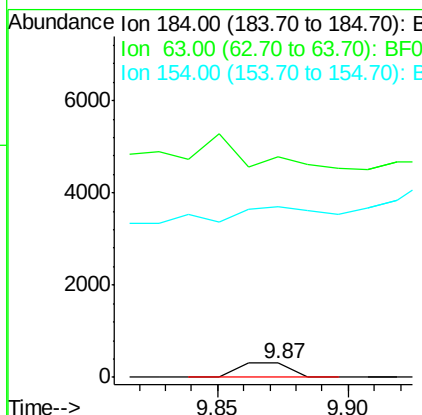
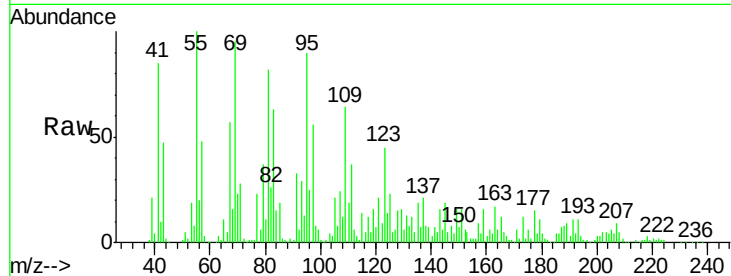




#53
2,4-Dinitrophenol
Concen: 0.97 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.07 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

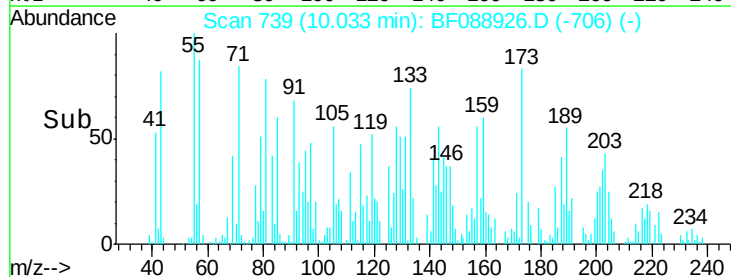
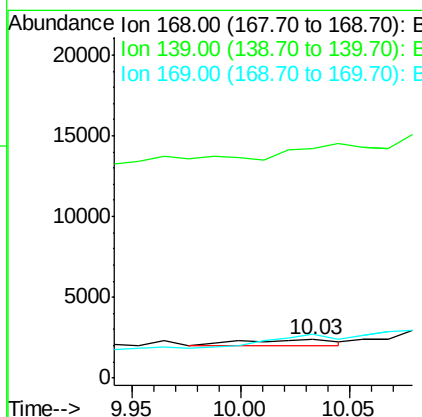
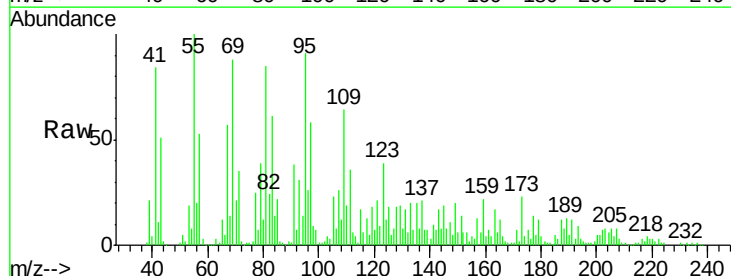
Instrument :
BNA_F
ClientSampleId :
SS-1

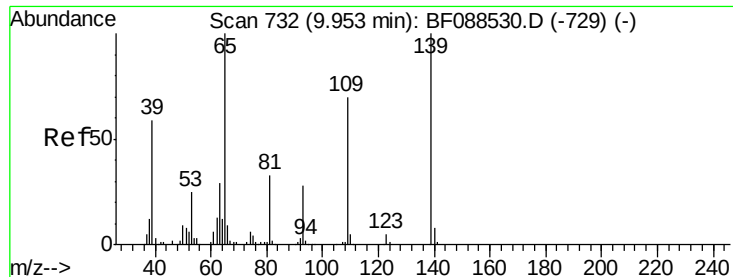
Tgt Ion:184 Resp: 425
Ion Ratio Lower Upper
184 100
63 1533.7 57.6 86.4#
154 1190.1 53.5 80.3#



#54
Dibenzofuran
Concen: 0.19 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.08 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Tgt Ion:168 Resp: 998
Ion Ratio Lower Upper
168 100
139 596.4 26.4 39.6#
169 113.7 10.4 15.6#





#55

4-Nitrophenol

Concen: 14.60 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampled :

SS-1

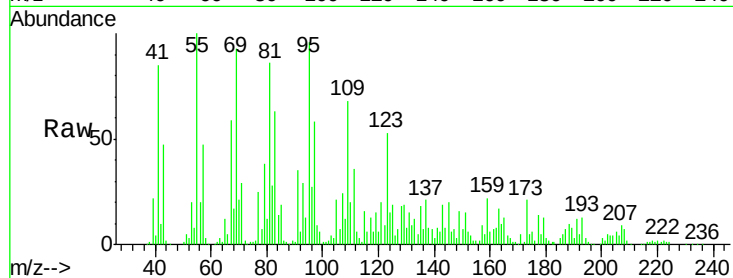
Tgt Ion:139 Resp: 14026

Ion Ratio Lower Upper

139 100

109 932.4 48.9 88.9#

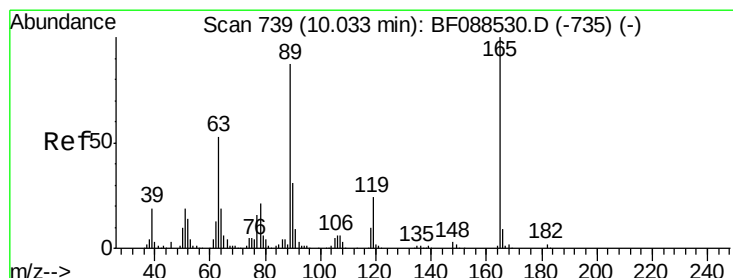
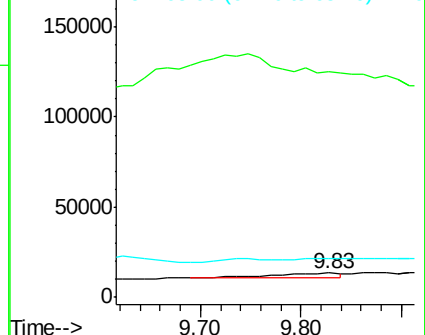
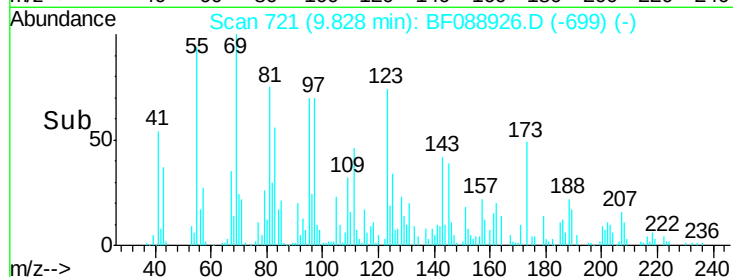
65 161.3 84.9 124.9#



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: 9.03 ng

RT: 10.06 min Scan# 741

Delta R.T. 0.11 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Tgt Ion:165 Resp: 11740

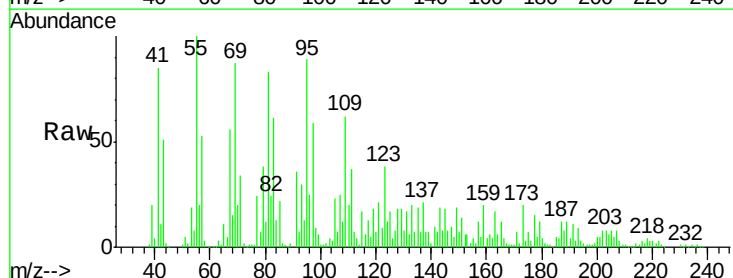
Ion Ratio Lower Upper

165 100

63 22.6 22.0 33.0

89 16.8 41.1 61.7#

182 7.3 2.0 3.0#

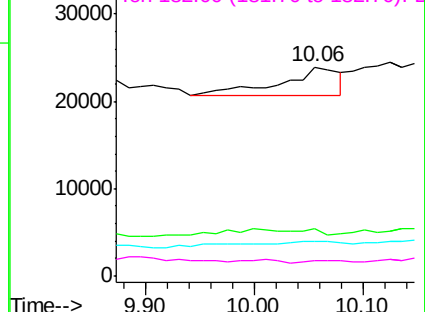
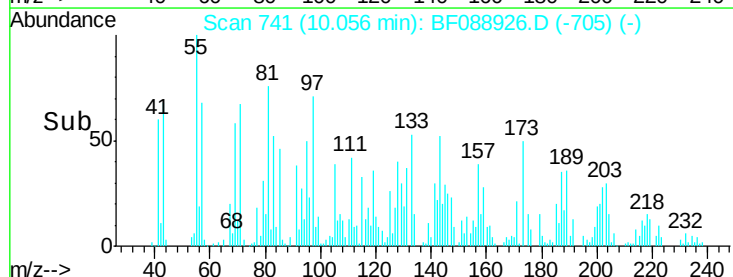


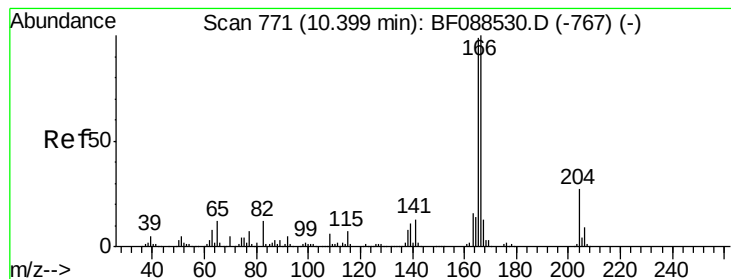
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 3.94 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.05 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampled :

SS-1

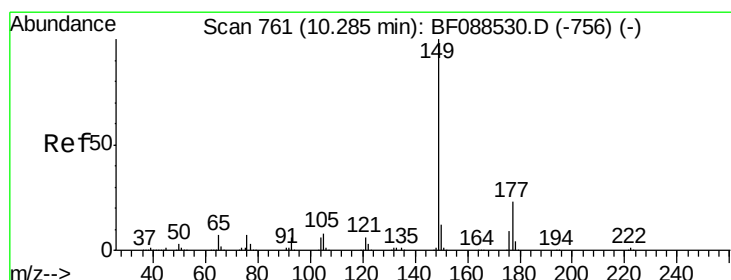
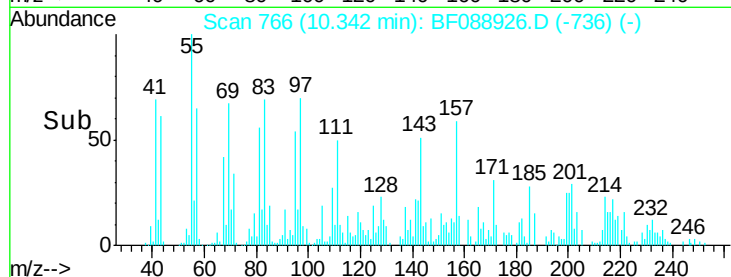
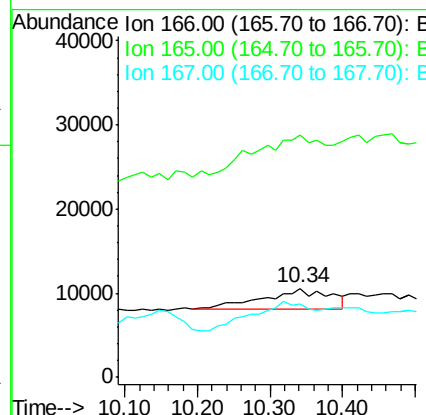
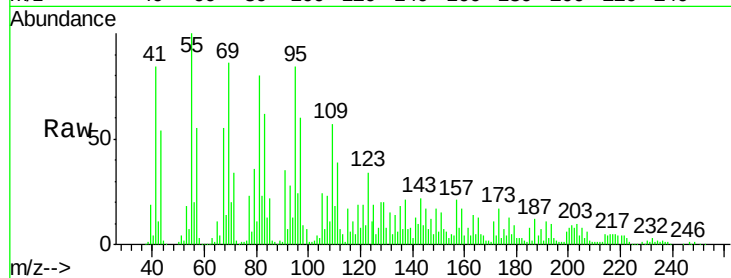
Tgt Ion:166 Resp: 15867

Ion Ratio Lower Upper

166 100

165 272.0 77.8 116.8#

167 82.8 11.2 16.8#



#59

Diethylphthalate

Concen: 1.67 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.11 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

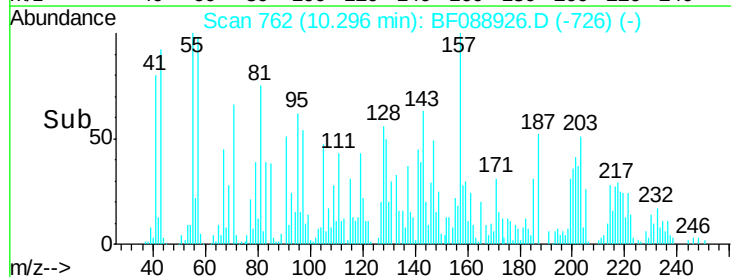
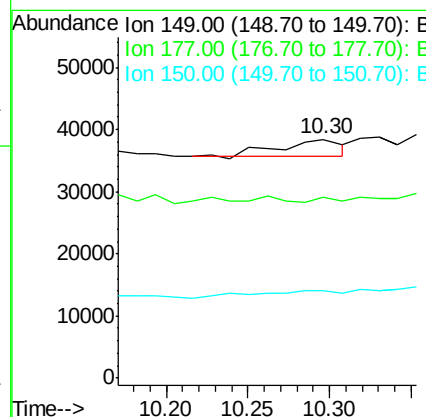
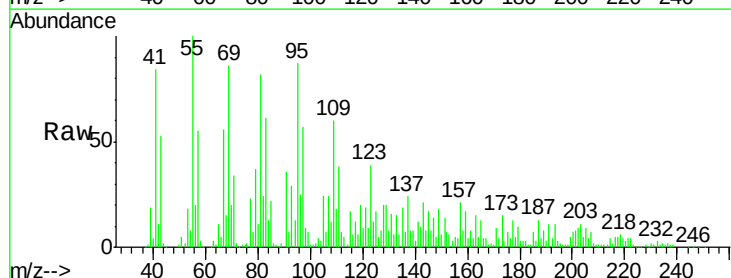
Tgt Ion:149 Resp: 7506

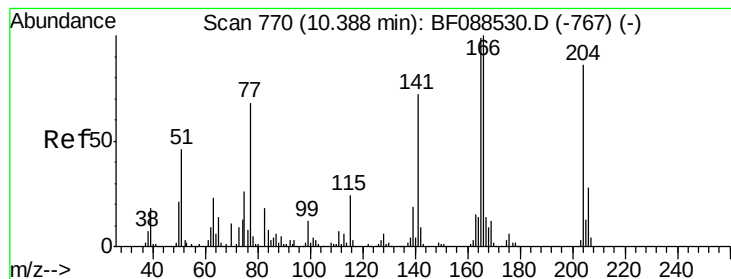
Ion Ratio Lower Upper

149 100

177 75.8 16.9 25.3#

150 36.7 10.1 15.1#





#60

4-Chlorophenyl-phenylether

Concen: 7.13 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.09 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

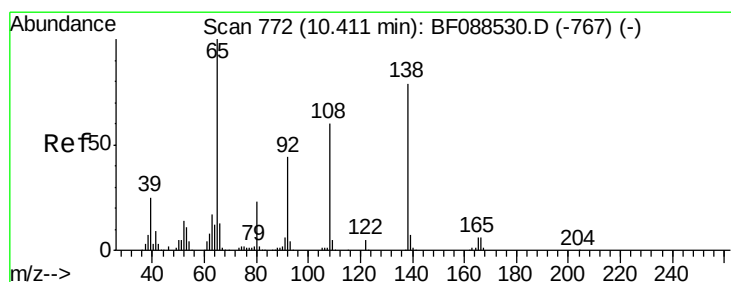
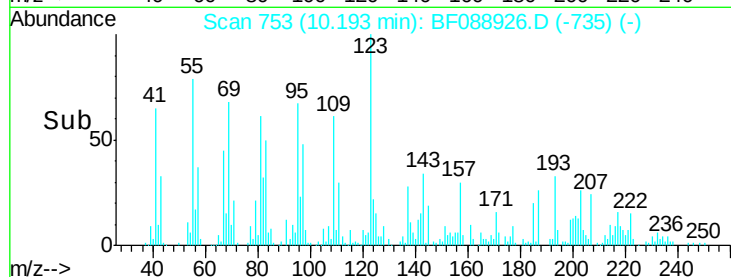
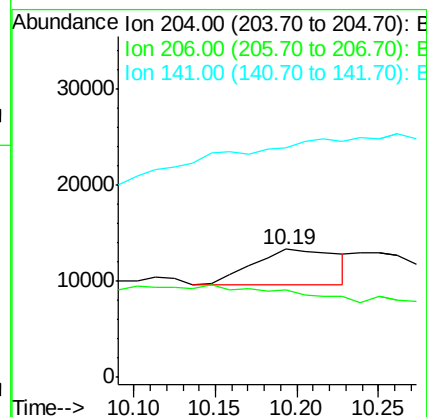
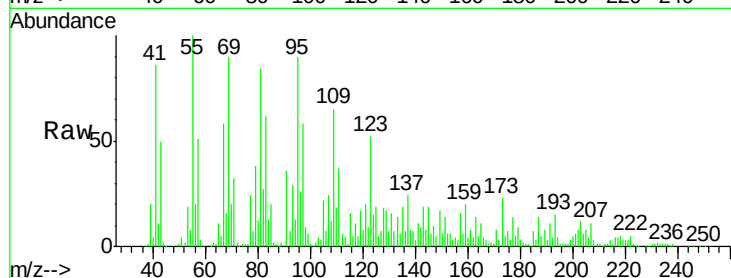
Tgt Ion:204 Resp: 13348

Ion Ratio Lower Upper

204 100

206 68.4 26.3 39.5#

141 179.2 55.0 82.6#



#61

4-Nitroaniline

Concen: 3.17 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.17 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

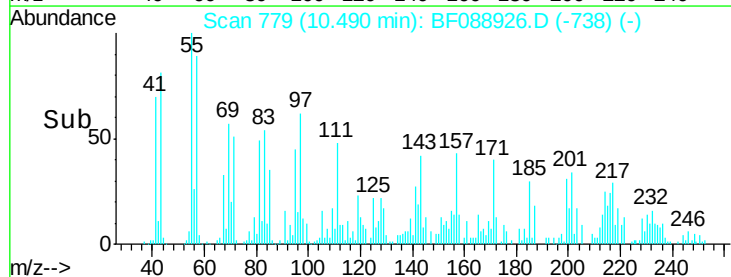
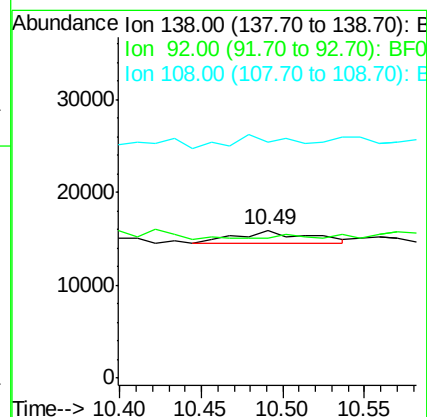
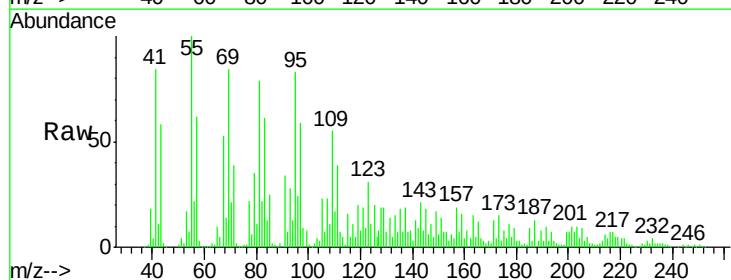
Tgt Ion:138 Resp: 3859

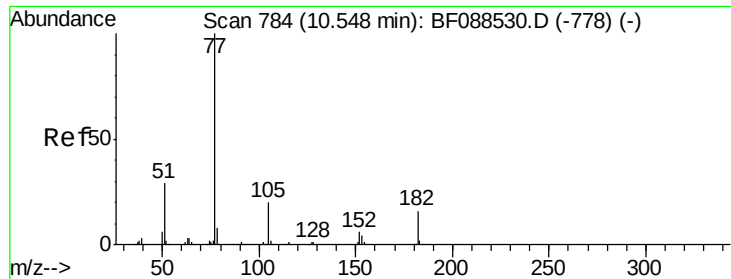
Ion Ratio Lower Upper

138 100

92 94.8 27.3 67.3#

108 159.4 46.7 86.7#





#62

Azobenzene

Concen: 0.37 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.17 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

Tgt Ion: 77 Resp: 1876

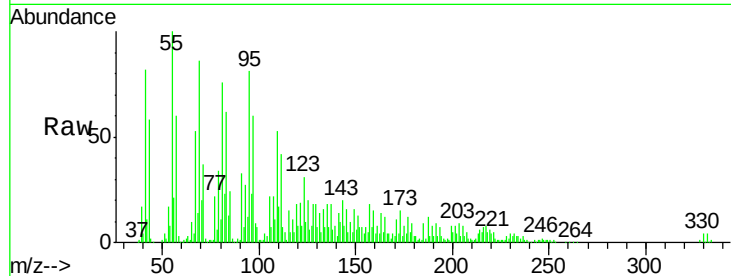
Ion Ratio Lower Upper

77 100

182 6.0 4.4 44.4

105 102.1 3.8 43.8#

51 16.7 9.3 49.3



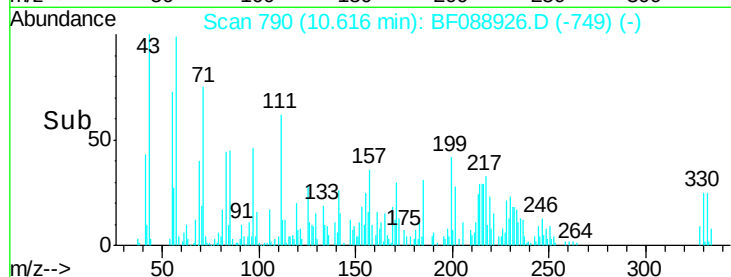
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

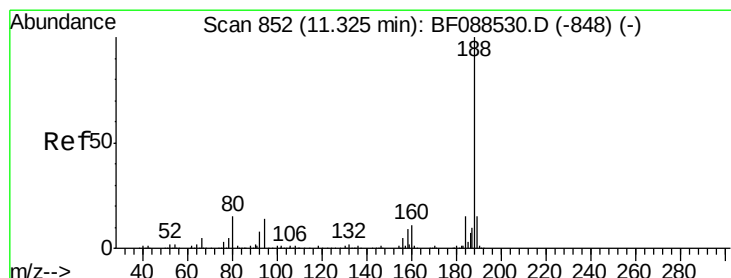
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.11 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

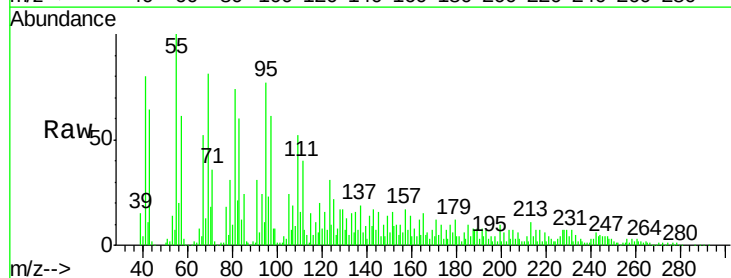
Tgt Ion: 188 Resp: 62985

Ion Ratio Lower Upper

188 100

94 168.7 9.0 13.6#

80 157.0 10.0 15.0#

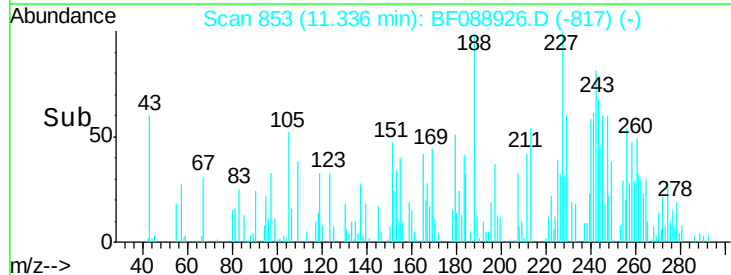


Abundance Ion 188.00 (187.70 to 188.70): E

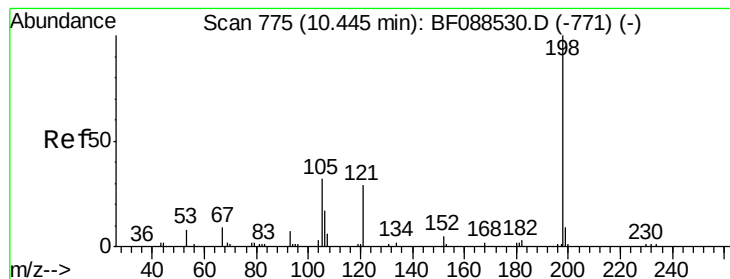
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 34.63 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampled :

SS-1

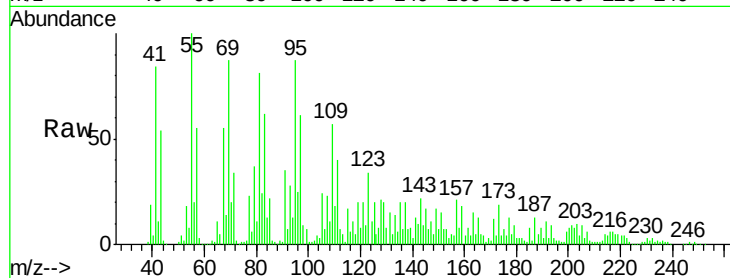
Tgt Ion:198 Resp: 11666

Ion Ratio Lower Upper

198 100

51 321.4 39.6 79.6#

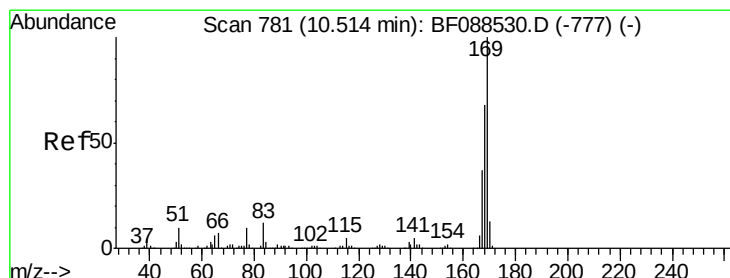
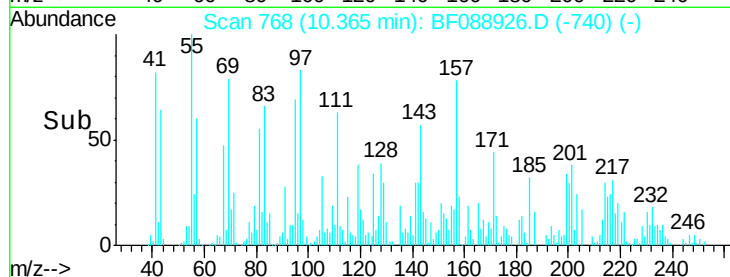
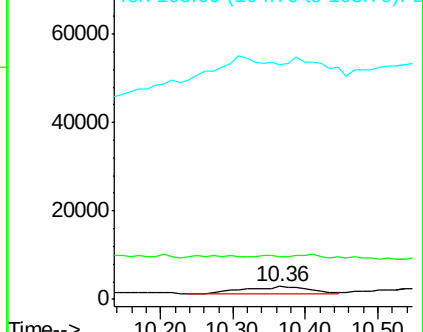
105 1799.2 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 11.02 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.05 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

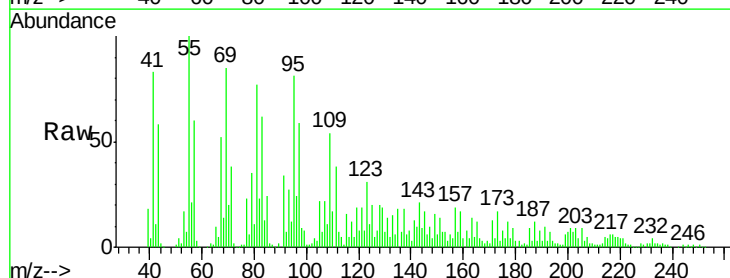
Tgt Ion:169 Resp: 23493

Ion Ratio Lower Upper

169 100

168 54.3 53.4 80.0

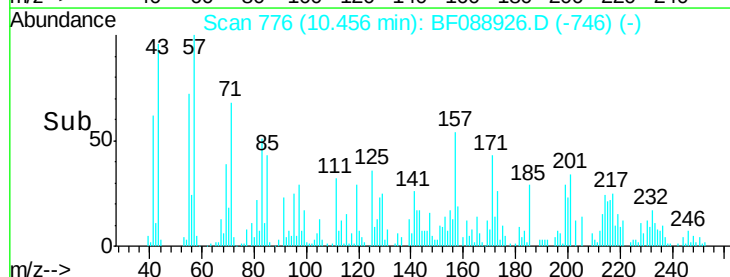
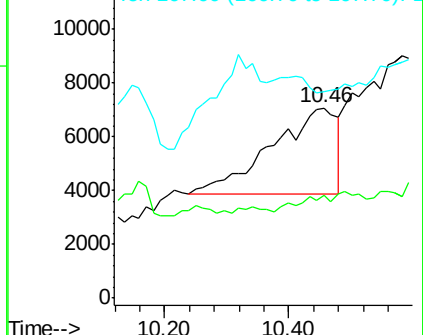
167 108.6 29.4 44.0#

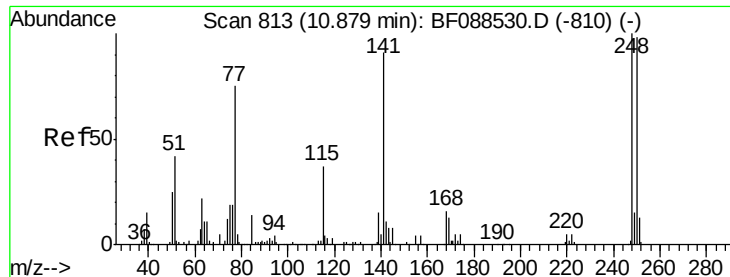


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 68.39 ng

RT: 11.07 min Scan# 830

Delta R.T. 0.30 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

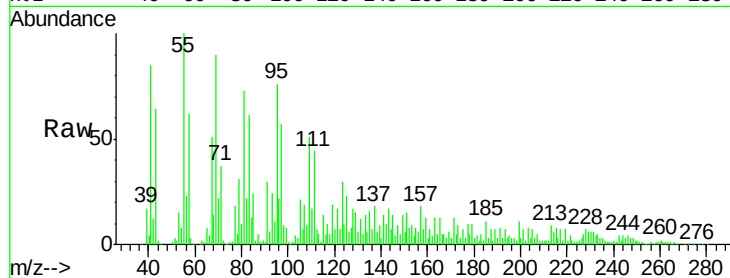
Tgt Ion:248 Resp: 43407

Ion Ratio Lower Upper

248 100

250 91.1 77.1 115.7

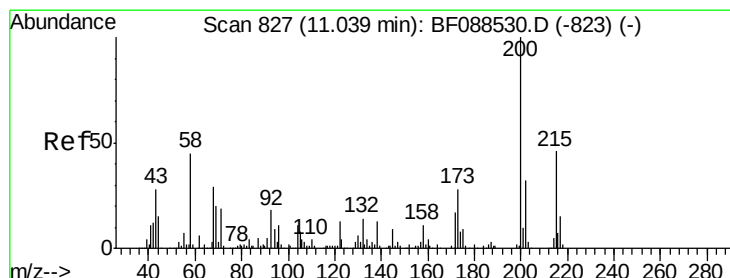
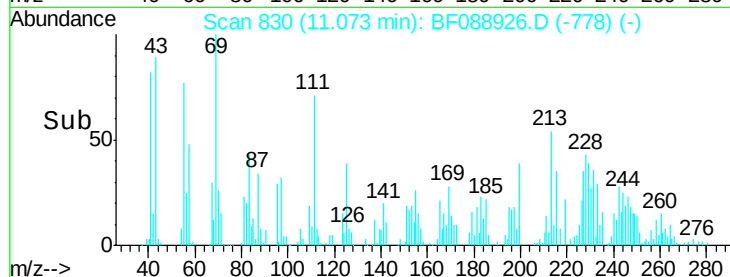
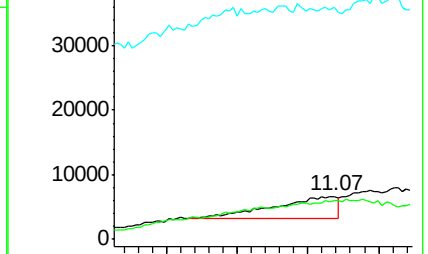
141 540.8 50.6 76.0#



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



#68

Atrazine

Concen: 7.61 ng

RT: 11.04 min Scan# 827

Delta R.T. 0.10 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

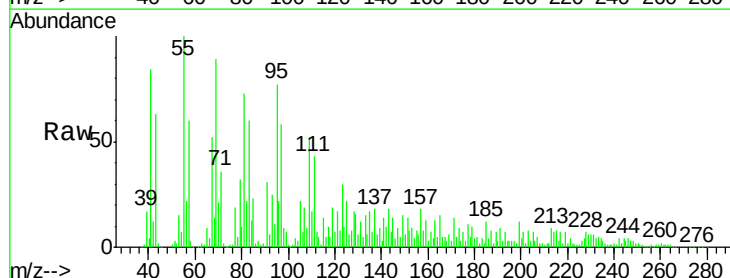
Tgt Ion:200 Resp: 5052

Ion Ratio Lower Upper

200 100

173 264.5 4.0 44.0#

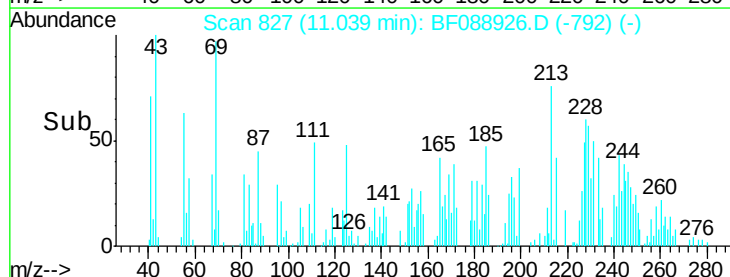
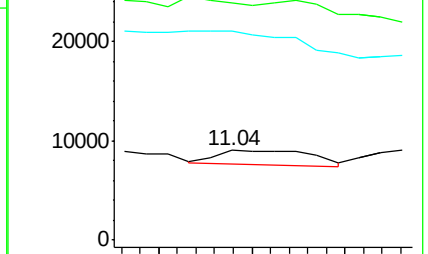
215 232.4 29.3 69.3#

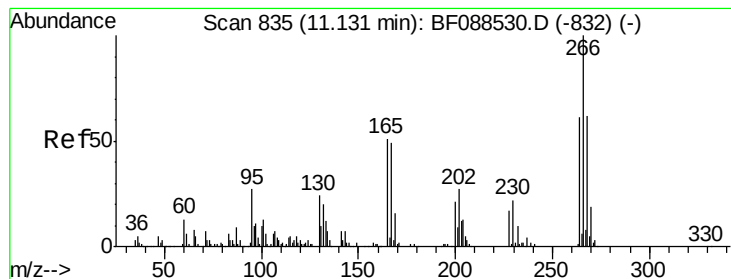


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 17.44 ng

RT: 11.18 min Scan# 839

Delta R.T. 0.15 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

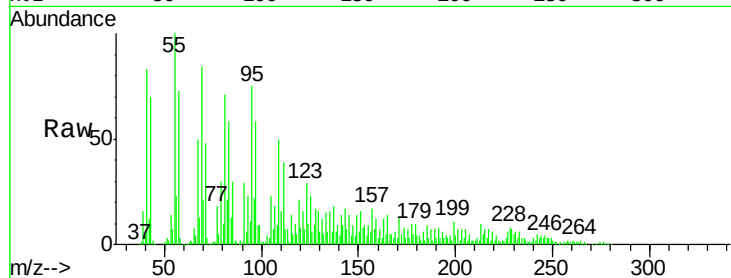
Tgt Ion:266 Resp: 7254

Ion Ratio Lower Upper

266 100

268 0.0 52.8 79.2#

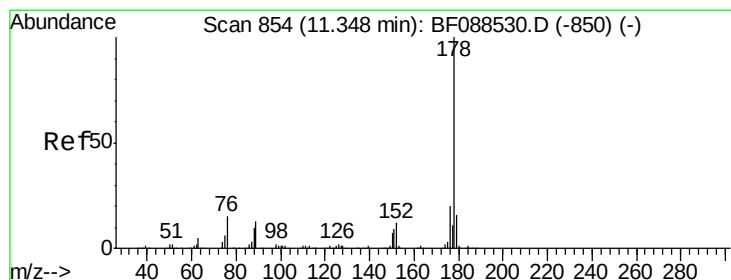
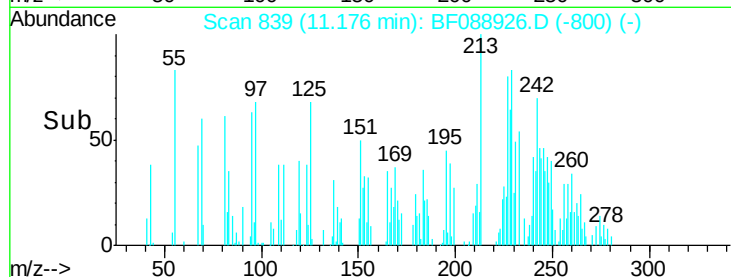
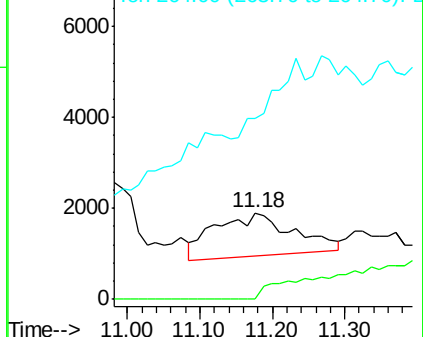
264 208.9 49.6 74.4#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 7.86 ng

RT: 11.43 min Scan# 861

Delta R.T. 0.18 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

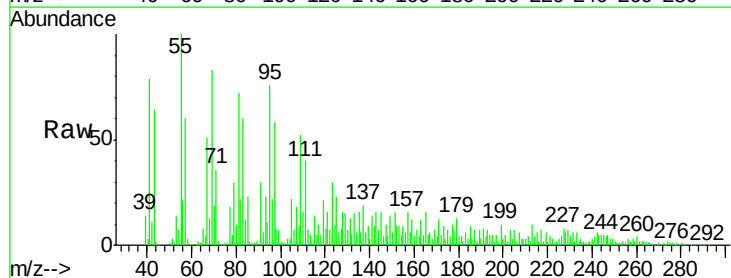
Tgt Ion:178 Resp: 27062

Ion Ratio Lower Upper

178 100

176 52.1 15.8 23.6#

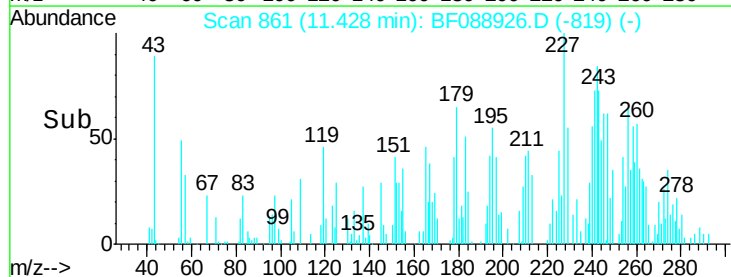
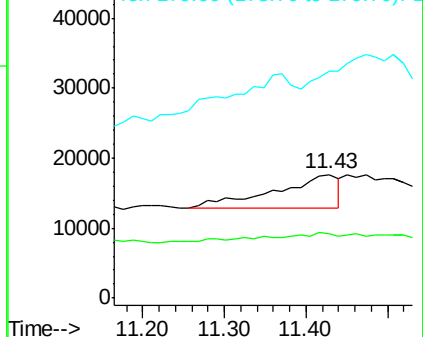
179 183.3 13.0 19.4#

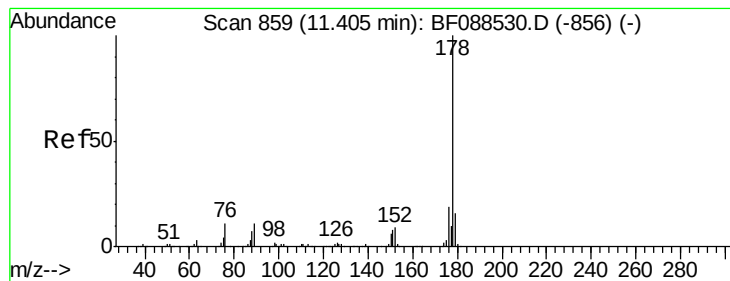


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 7.90 ng

RT: 11.43 min Scan# 861

Delta R.T. 0.13 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

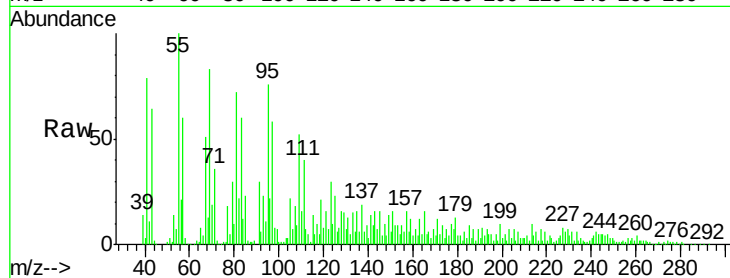
Tgt Ion:178 Resp: 27062

Ion Ratio Lower Upper

178 100

176 52.1 15.6 23.4#

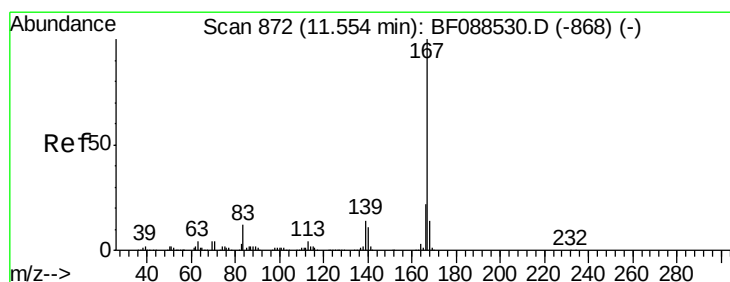
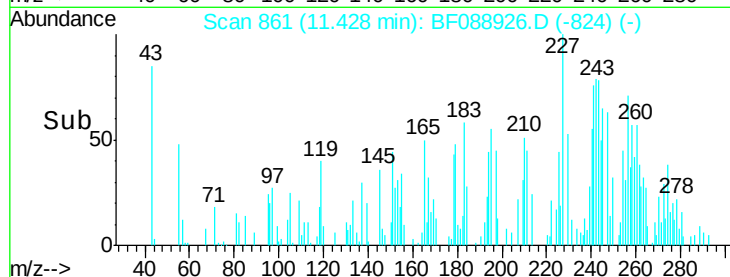
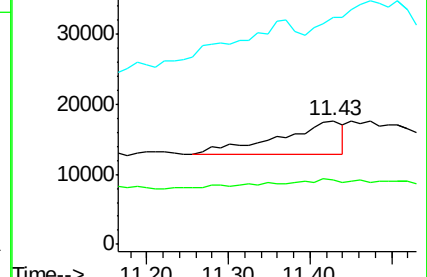
179 183.3 12.8 19.2#



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



#72

Carbazole

Concen: 1.32 ng

RT: 11.55 min Scan# 872

Delta R.T. 0.10 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

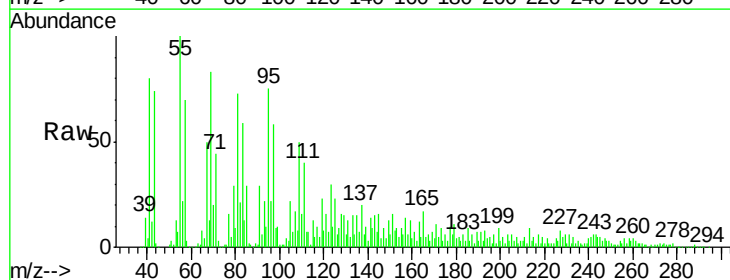
Tgt Ion:167 Resp: 4259

Ion Ratio Lower Upper

167 100

166 87.3 17.8 26.6#

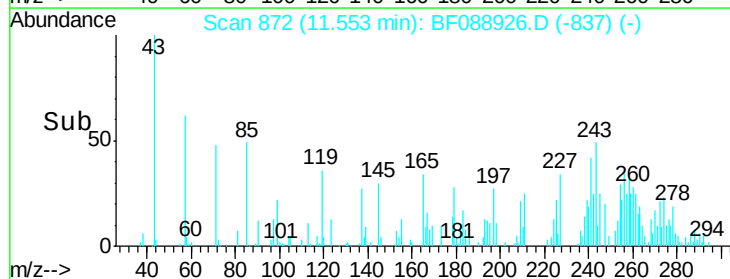
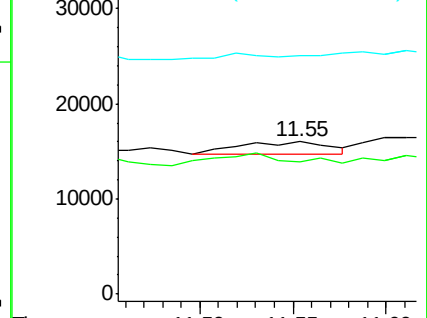
139 156.6 11.2 16.8#

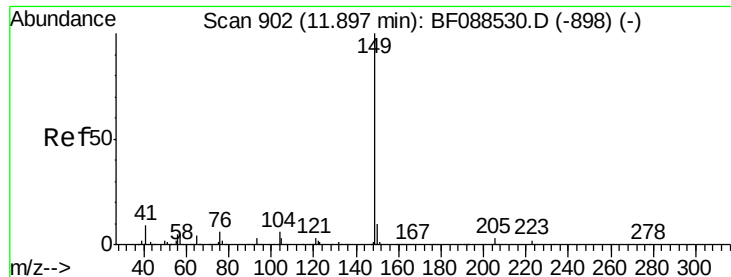


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 3.19 ng

RT: 11.82 min Scan# 895

Delta R.T. 0.02 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

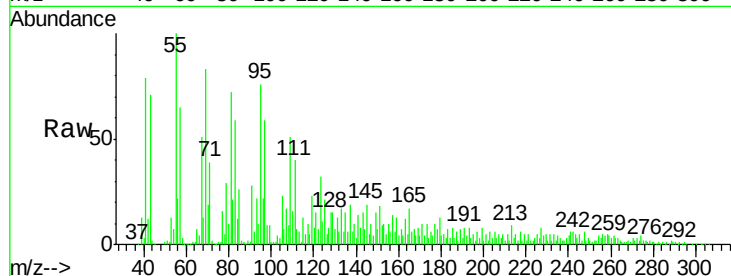
Tgt Ion:149 Resp: 11953

Ion Ratio Lower Upper

149 100

150 44.4 7.8 11.6#

104 21.1 4.0 6.0#

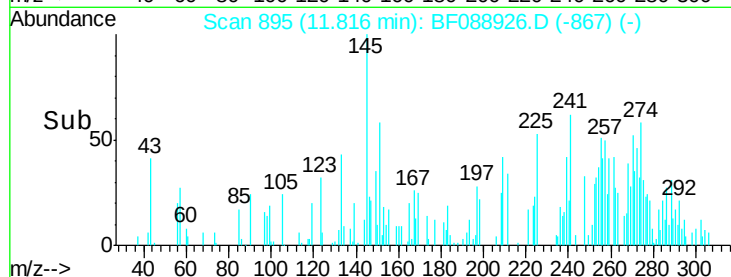


Abundance Ion 149.00 (148.70 to 149.70): E

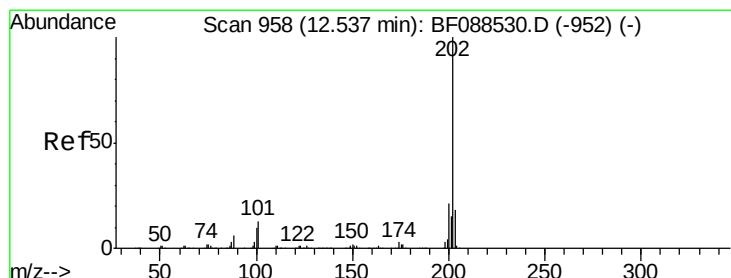
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



Time-->



#74

Fluoranthene

Concen: 4.93 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.14 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

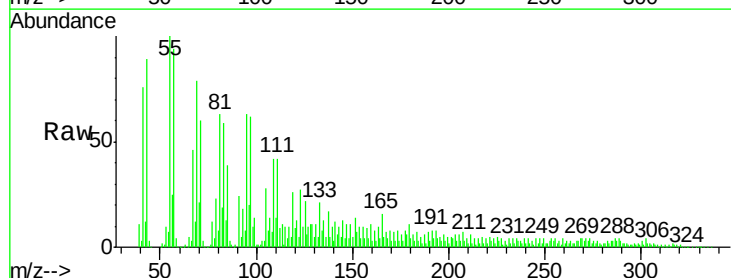
Tgt Ion:202 Resp: 17196

Ion Ratio Lower Upper

202 100

101 22.6 0.0 33.1

203 183.9 0.0 38.1#

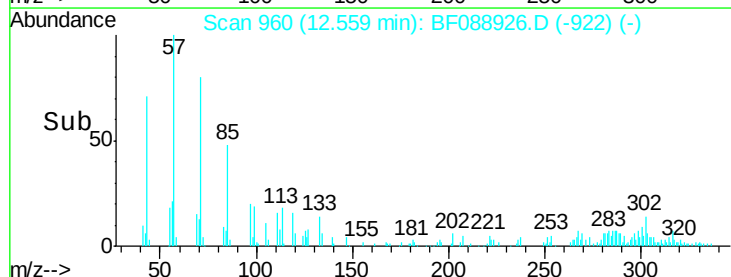


Abundance Ion 202.00 (201.70 to 202.70): E

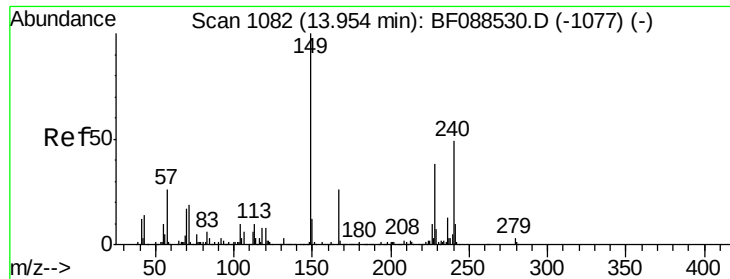
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.14 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

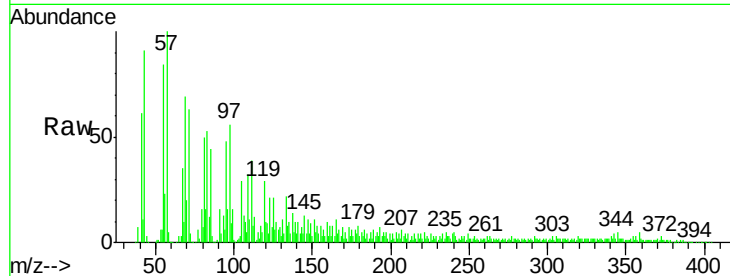
Tgt Ion:240 Resp: 36579

Ion Ratio Lower Upper

240 100

120 189.6 6.8 10.2#

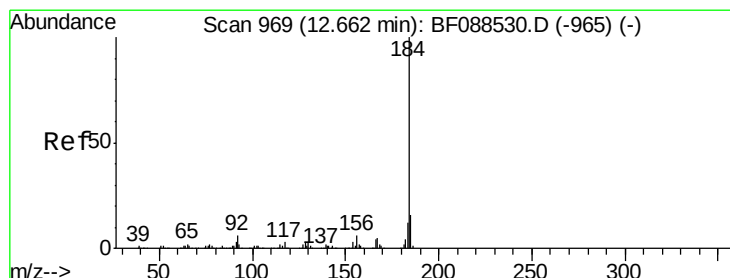
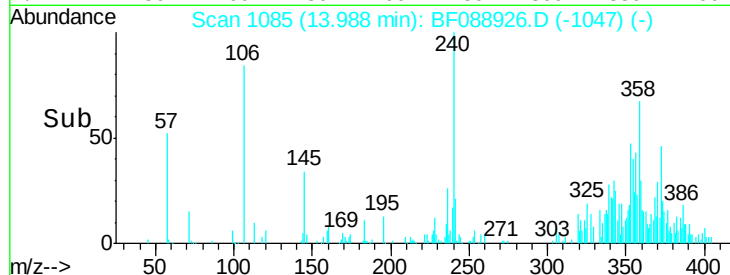
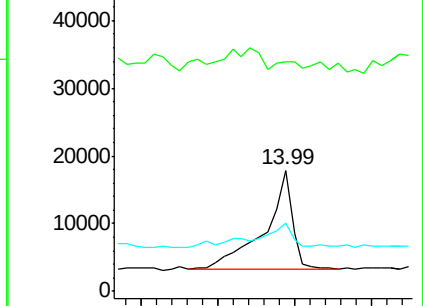
236 56.6 20.2 30.2#



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: 0.48 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.16 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

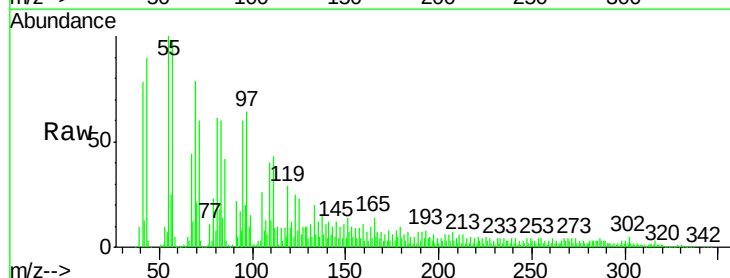
Tgt Ion:184 Resp: 894

Ion Ratio Lower Upper

184 100

185 199.8 12.5 18.7#

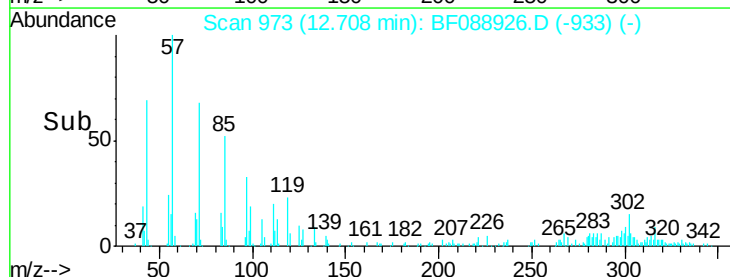
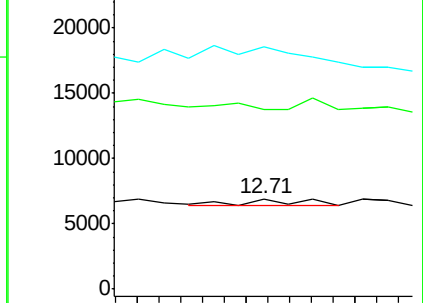
183 268.6 9.3 13.9#

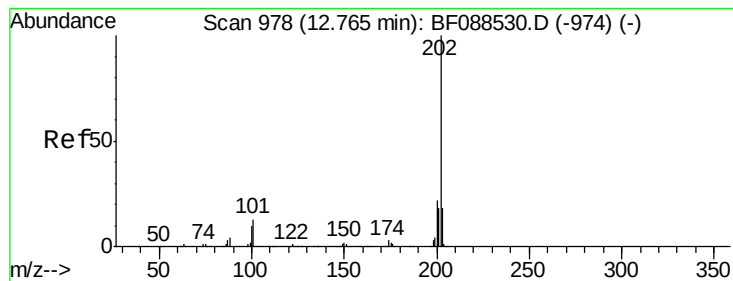


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 5.52 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.14 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

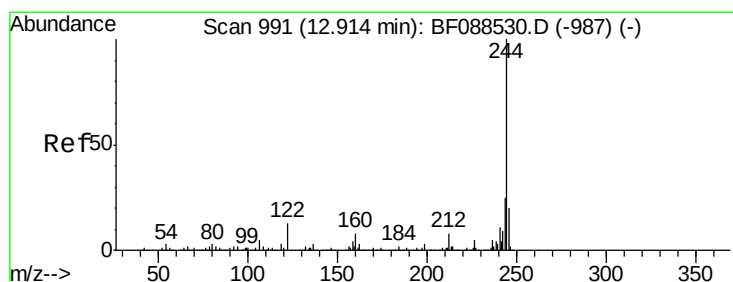
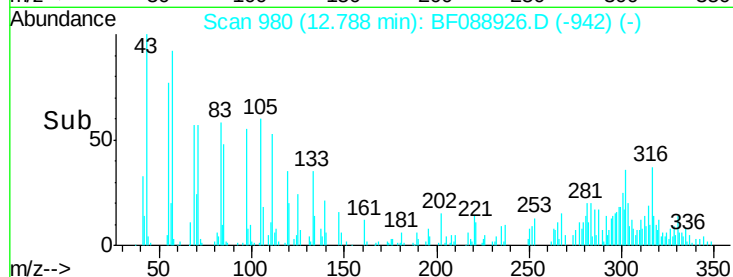
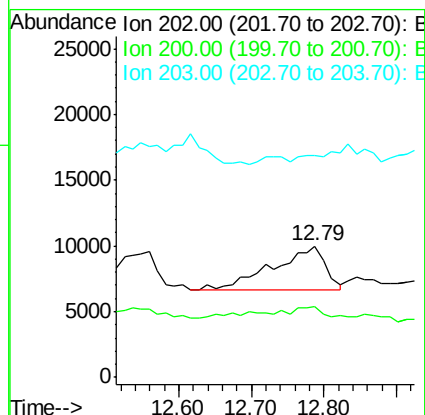
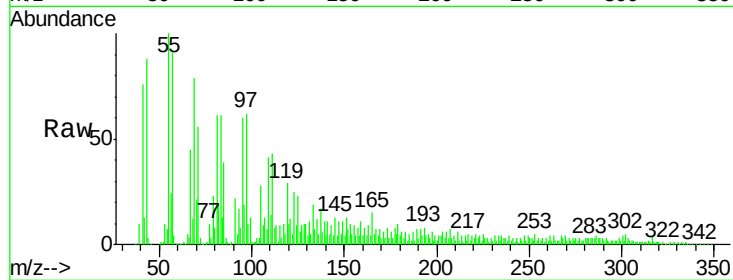
Tgt Ion:202 Resp: 17131

Ion Ratio Lower Upper

202 100

200 54.2 17.4 26.2#

203 168.9 14.5 21.7#



#78

Terphenyl-d14

Concen: 78.20 ng

RT: 12.92 min Scan# 992

Delta R.T. 0.13 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

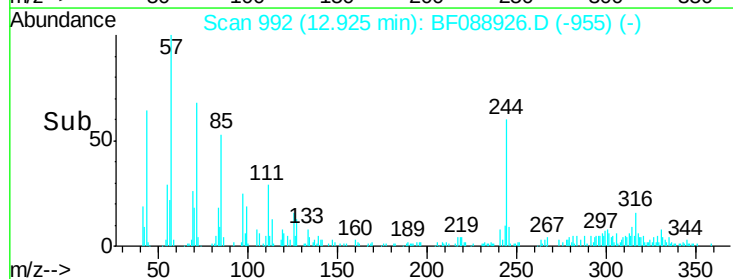
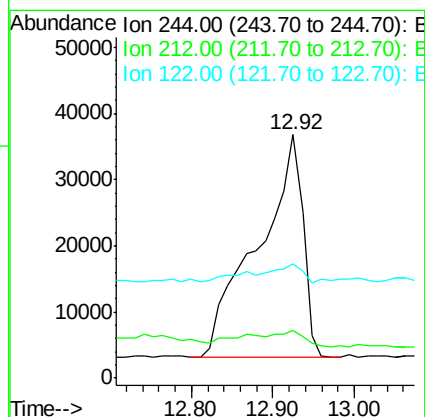
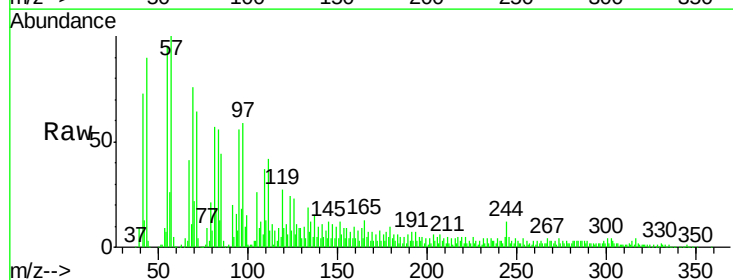
Tgt Ion:244 Resp: 128419

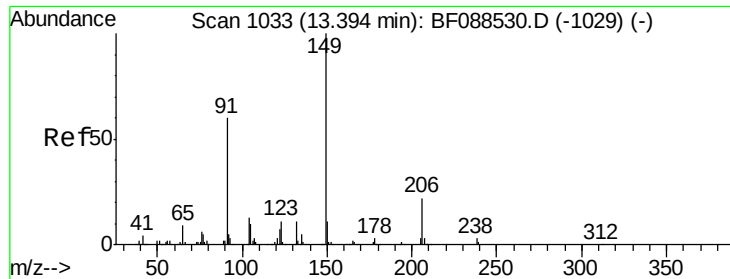
Ion Ratio Lower Upper

244 100

212 19.6 6.0 9.0#

122 46.8 11.2 16.8#





#79

Butylbenzylphthalate

Concen: 4.22 ng

RT: 13.38 min Scan# 1032

Delta R.T. 0.10 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

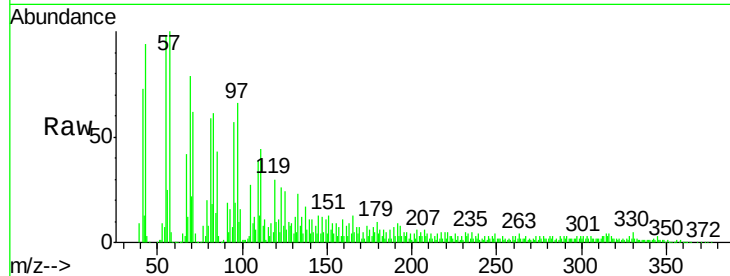
Tgt Ion:149 Resp: 5841

Ion Ratio Lower Upper

149 100

91 178.1 48.0 72.0#

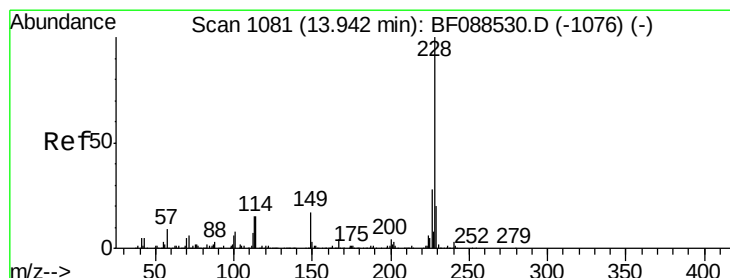
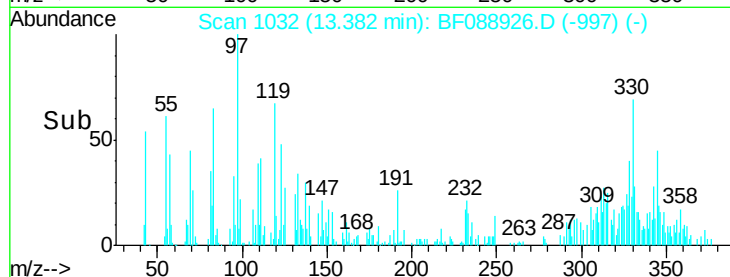
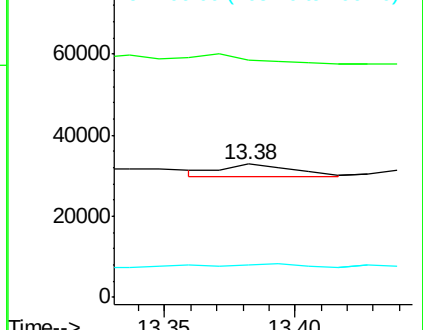
206 24.6 16.0 24.0#



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: 5.35 ng

RT: 13.98 min Scan# 1084

Delta R.T. 0.14 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

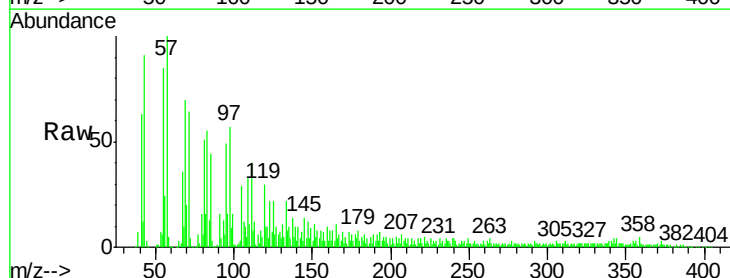
Tgt Ion:228 Resp: 12593

Ion Ratio Lower Upper

228 100

226 70.6 22.3 33.5#

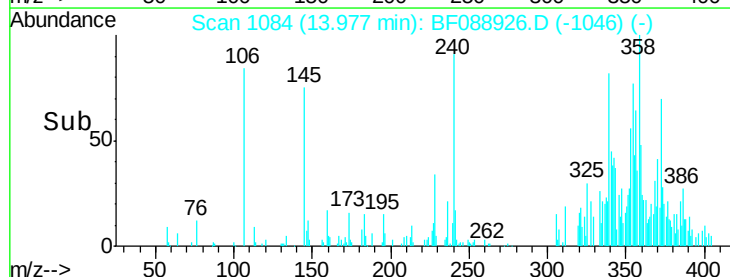
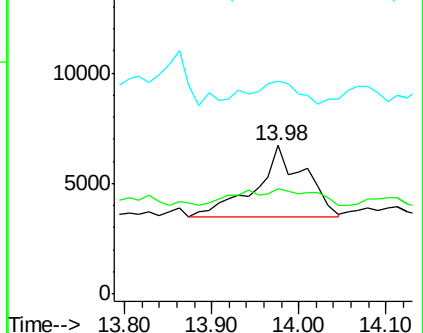
229 143.3 16.0 24.0#

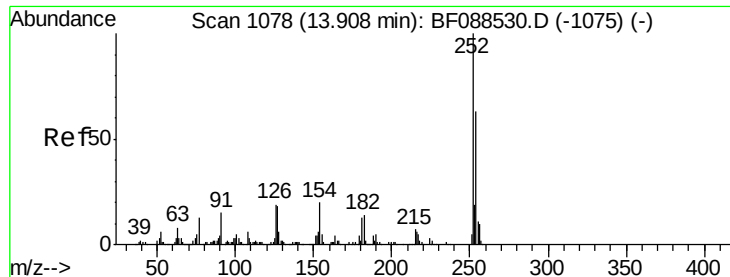


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

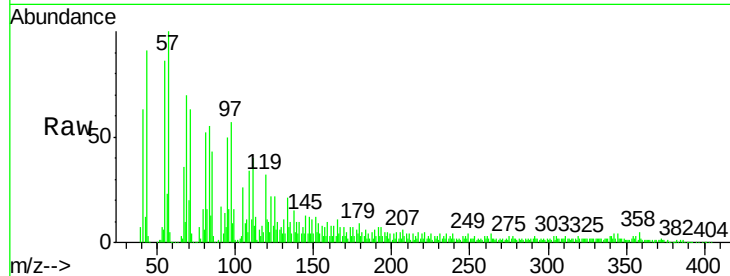




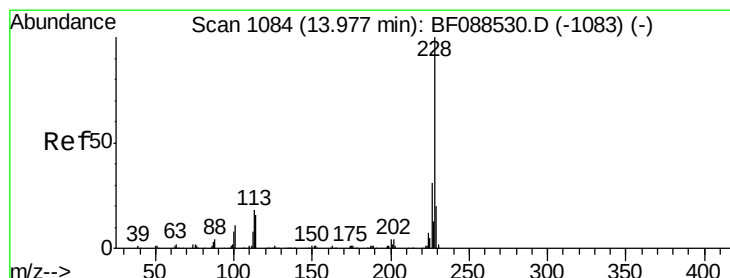
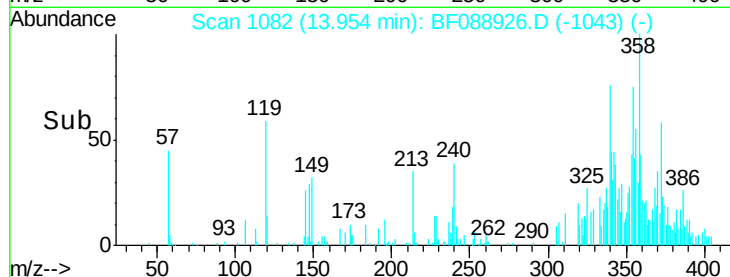
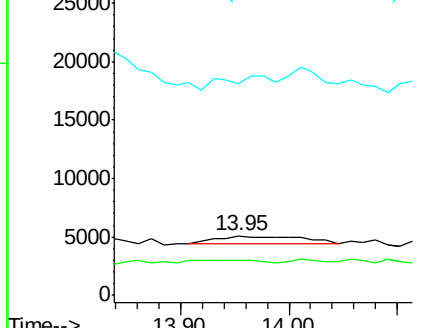
#81
 3,3'-Dichlorobenzidine
 Concen: 4.35 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. 0.15 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Tgt Ion: 252 Resp: 3853
 Ion Ratio Lower Upper
 252 100
 254 59.5 52.6 78.8
 126 356.1 6.2 9.2#

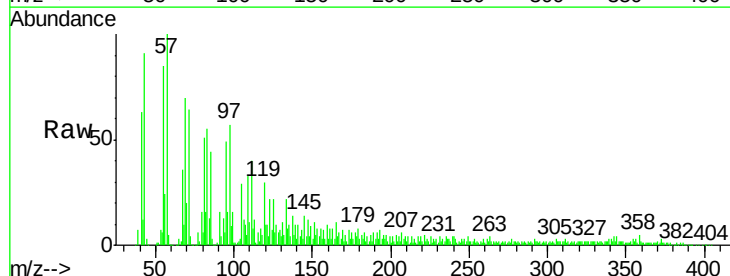


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

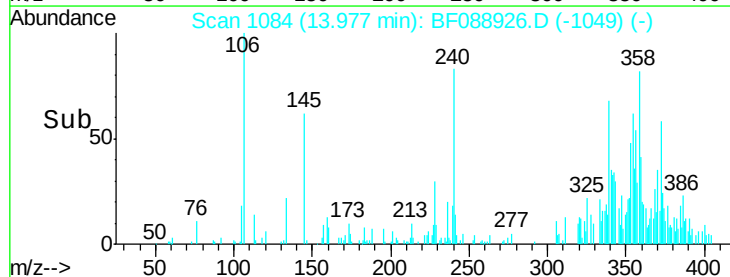
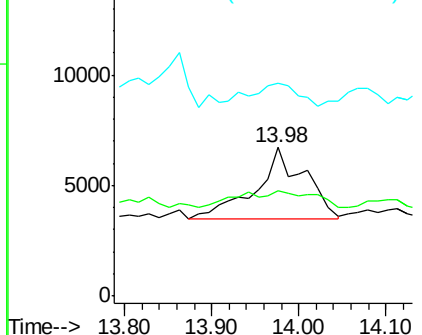


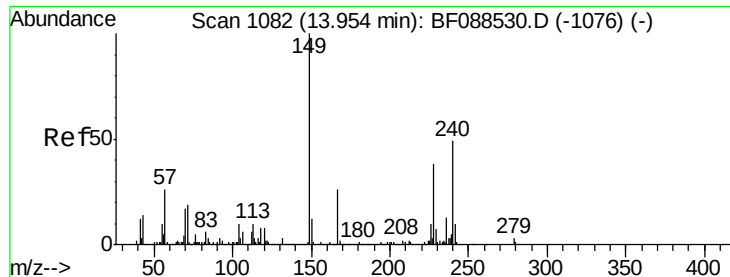
#82
 Chrysene
 Concen: 5.36 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.10 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

Tgt Ion: 228 Resp: 12501
 Ion Ratio Lower Upper
 228 100
 226 70.6 25.4 38.2#
 229 143.3 16.3 24.5#



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.89 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.11 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

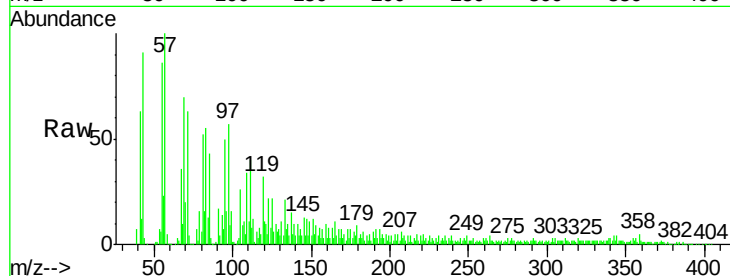
Tgt Ion:149 Resp: 17207

Ion Ratio Lower Upper

149 100

167 64.9 20.5 30.7#

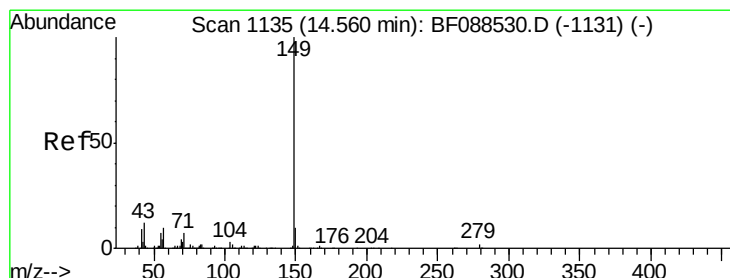
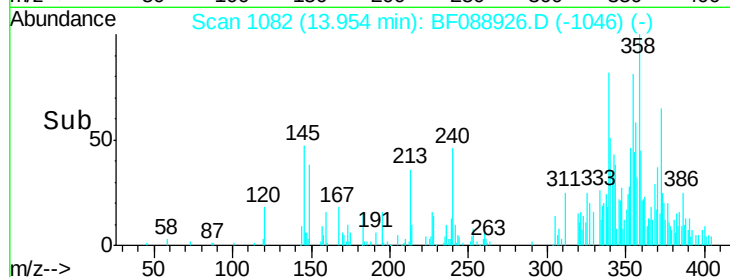
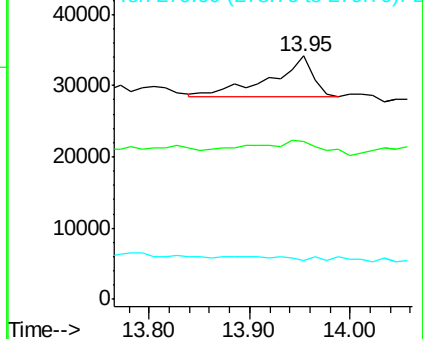
279 16.2 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 2.06 ng

RT: 14.59 min Scan# 1138

Delta R.T. 0.14 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

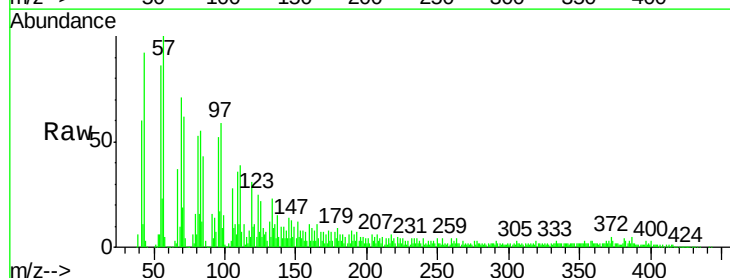
Tgt Ion:149 Resp: 5518

Ion Ratio Lower Upper

149 100

167 37.8 0.0 0.0#

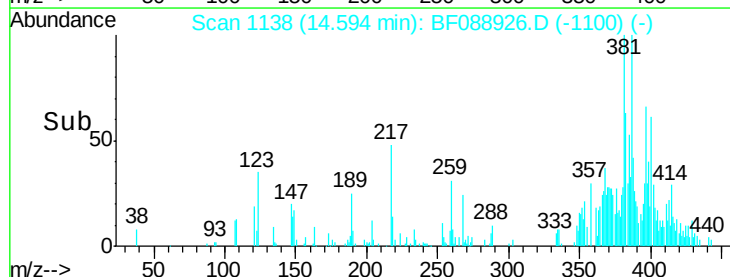
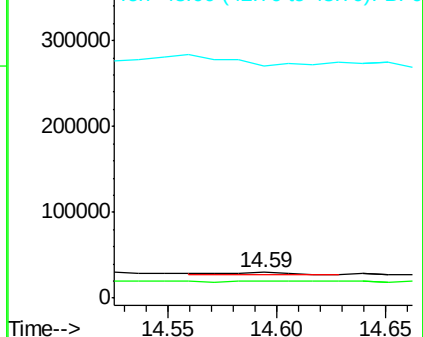
43 0.0 0.0 0.0

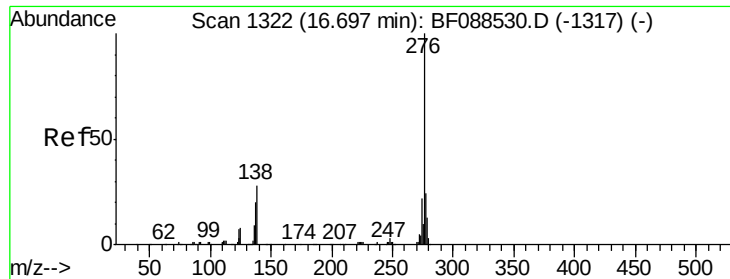


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.87 ng

RT: 16.70 min Scan# 1322

Delta R.T. 0.19 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

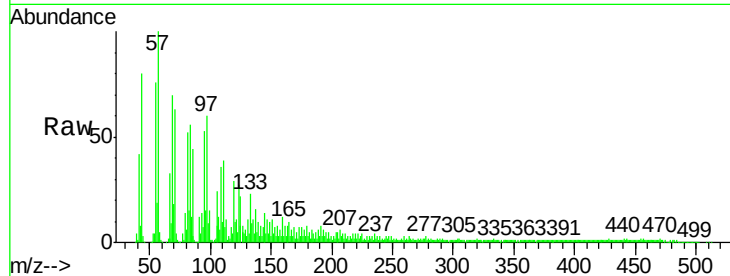
Tgt Ion:276 Resp: 6939

Ion Ratio Lower Upper

276 100

138 52.3 0.0 0.0#

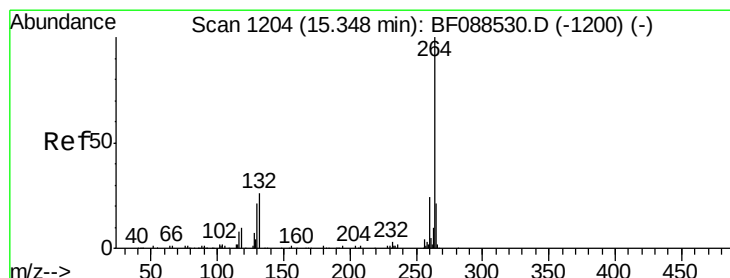
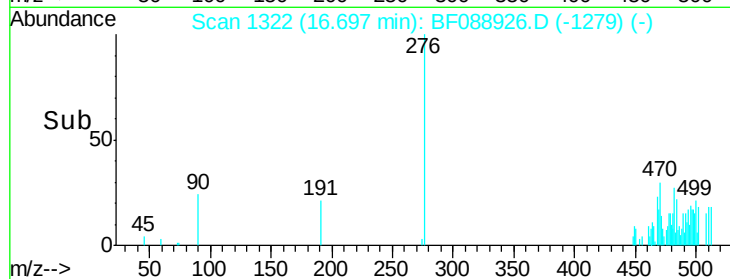
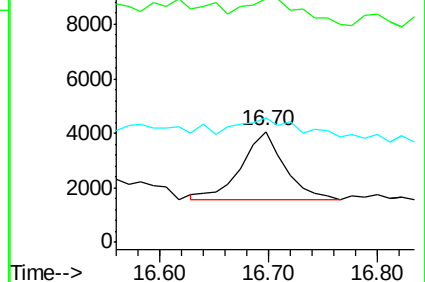
277 70.9 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1206

Delta R.T. 0.16 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

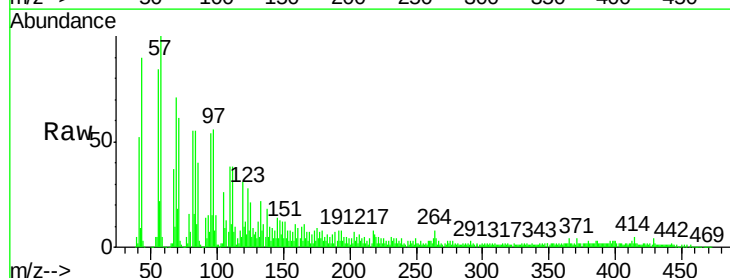
Tgt Ion:264 Resp: 42667

Ion Ratio Lower Upper

264 100

260 38.8 19.2 28.8#

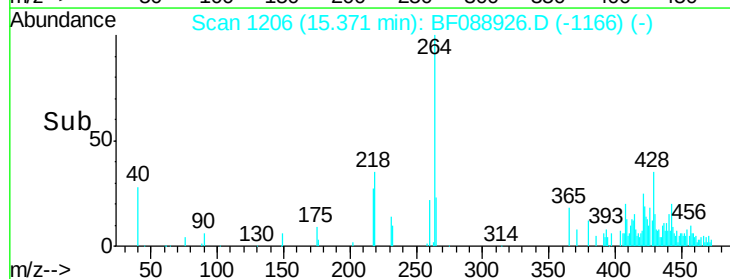
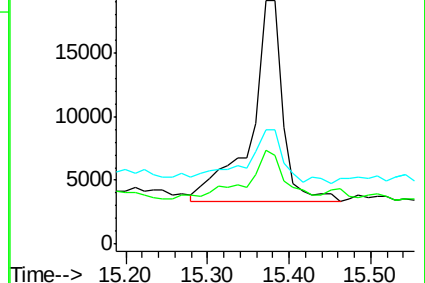
265 47.2 16.9 25.3#

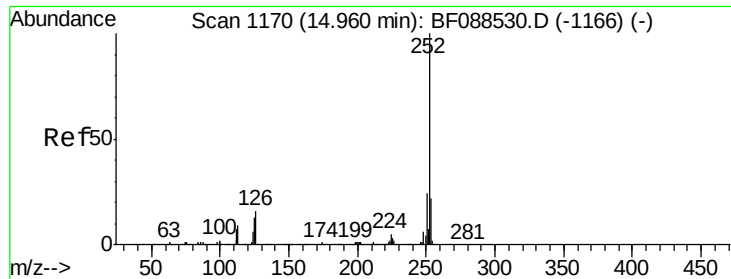


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.56 ng

RT: 14.98 min Scan# 1172

Delta R.T. 0.15 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

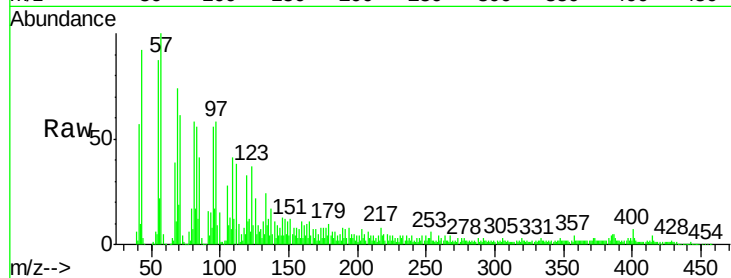
Tgt Ion:252 Resp: 14894

Ion Ratio Lower Upper

252 100

253 202.5 17.4 26.2#

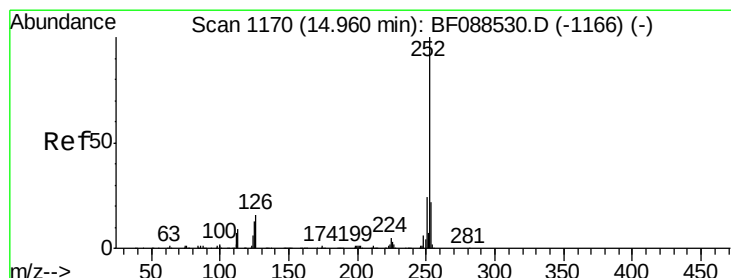
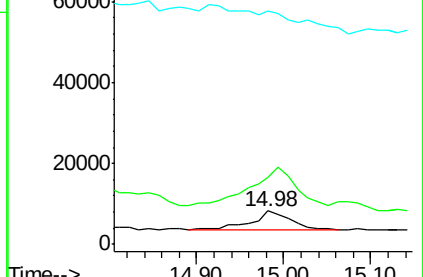
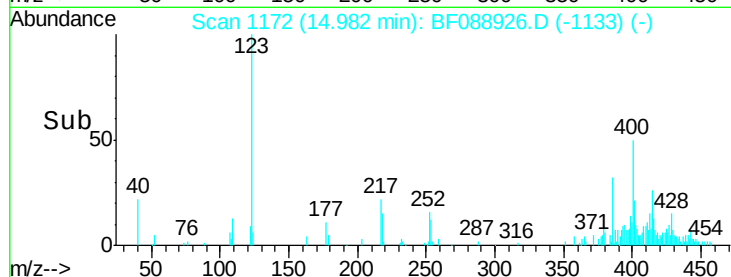
125 701.1 7.1 10.7#



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: 6.39 ng

RT: 14.98 min Scan# 1172

Delta R.T. 0.11 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

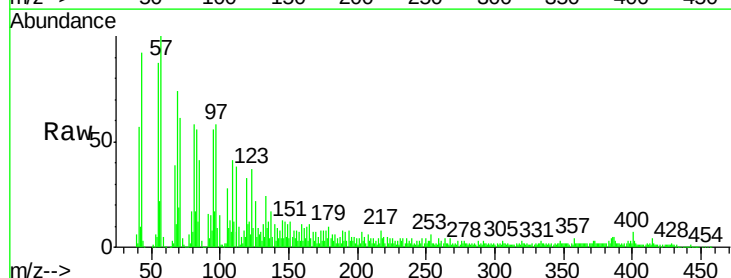
Tgt Ion:252 Resp: 14894

Ion Ratio Lower Upper

252 100

253 202.5 18.0 27.0#

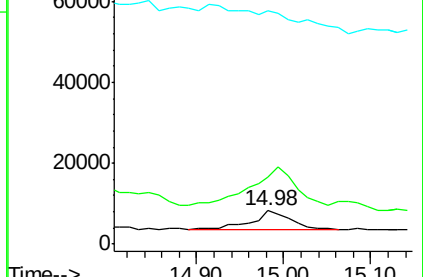
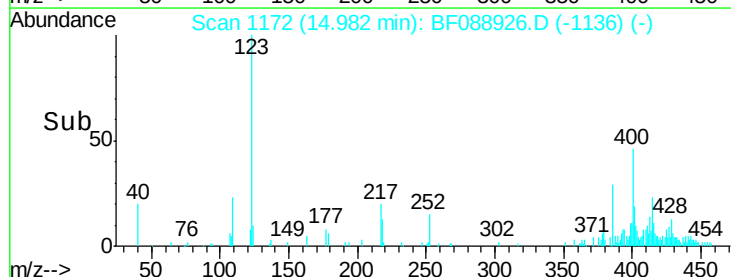
125 701.1 11.2 16.8#

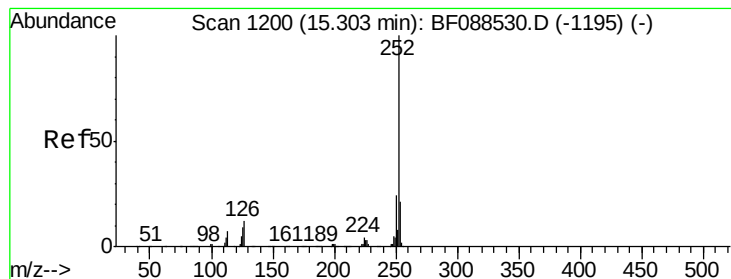


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.15 ng

RT: 15.31 min Scan# 1201

Delta R.T. 0.15 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

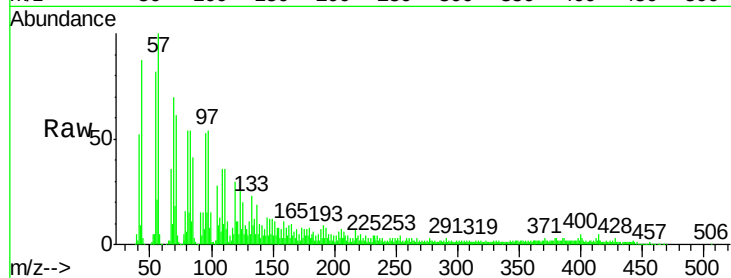
Tgt Ion:252 Resp: 4878

Ion Ratio Lower Upper

252 100

253 164.5 17.9 26.9#

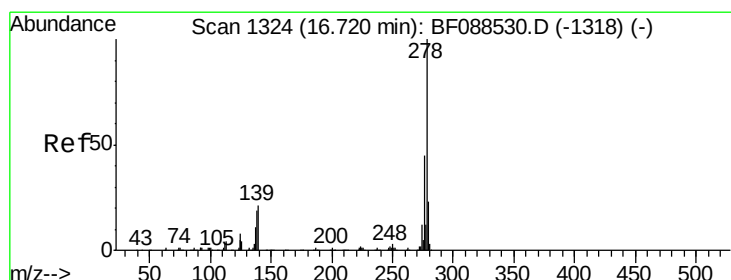
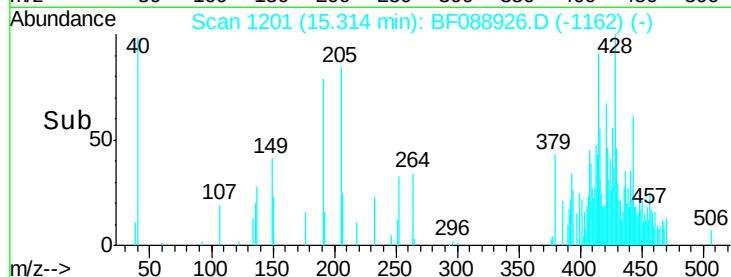
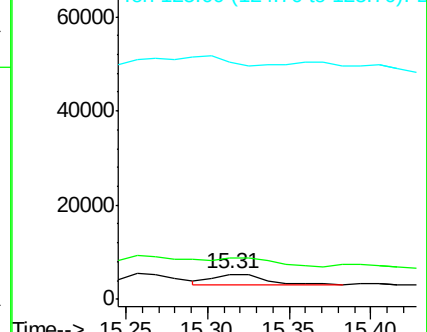
125 949.7 12.5 18.7#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.97 ng

RT: 16.71 min Scan# 1323

Delta R.T. 0.19 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

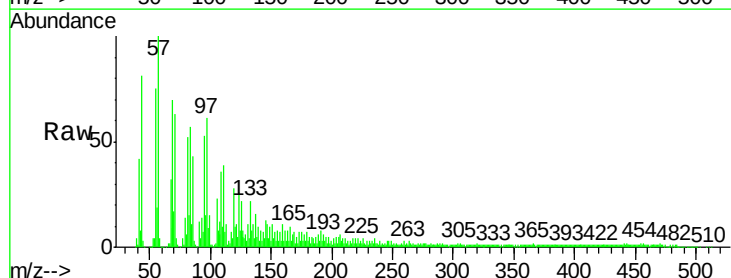
Tgt Ion:278 Resp: 1834

Ion Ratio Lower Upper

278 100

139 748.3 15.7 23.5#

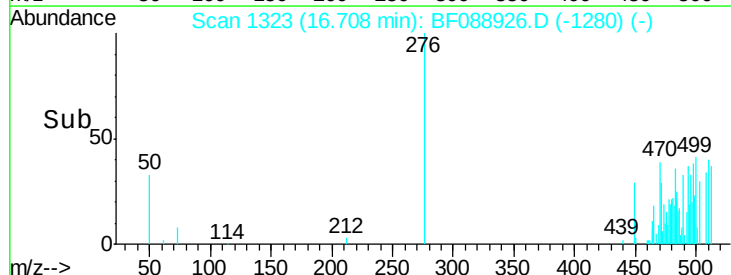
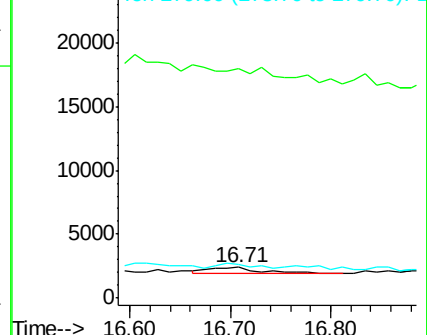
279 110.0 19.4 29.2#

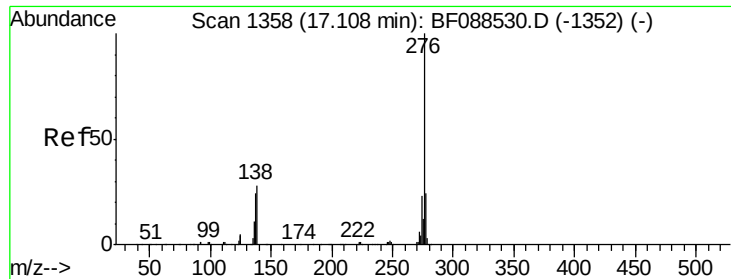


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 3.47 ng

RT: 17.10 min Scan# 1357

Delta R.T. 0.21 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

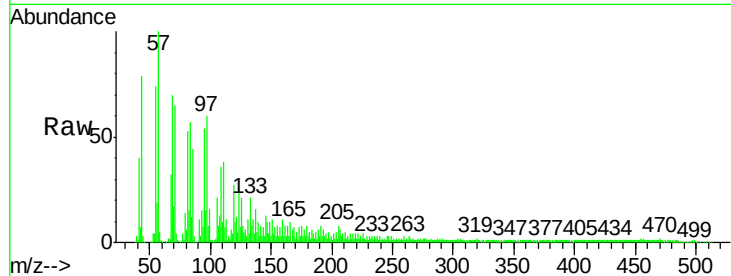
Tgt Ion: 276 Resp: 6795

Ion Ratio Lower Upper

276 100

277 102.4 18.9 28.3#

138 219.8 21.4 32.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

