

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088932.D
 Acq On : 12 Jul 2016 21:28
 Operator : UM/SJ
 Sample : H3889-10RE 4X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-10

Quant Time: Jul 13 02:17:14 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	74687	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	293882	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	114955	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	170089	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	152052	20.00	ng	0.00
86) Perylene-d12	15.23	264	139410	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	57844	11.61	ng	0.00
7) Phenol-d6	6.34	99	93807	14.57	ng	-0.01
23) Nitrobenzene-d5	7.27	82	53623	9.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	22974	21.52	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	115586	15.88	ng	-0.01
78) Terphenyl-d14	12.80	244	107297	15.72	ng	0.00

Target Compounds						Qvalue
6) Aniline	6.34	93	1037	0.11	ng	# 1
9) Benzaldehyde	6.24	77	498	0.11	ng	# 66
10) Phenol	6.35	94	501	0.07	ng	# 1
11) bis(2-Chloroethyl)ether	6.34	93	1037	0.19	ng	# 50
15) Benzyl Alcohol	6.84	79	3188	0.67	ng	# 91
17) 2-Methylphenol	6.84	107	1370	0.31	ng	# 8
19) n-Nitroso-di-n-propylamine	7.10	70	230	0.05	ng	# 51
22) Acetophenone	7.11	105	1569	0.22	ng	# 67
24) Nitrobenzene	7.11	77	1206	0.21	ng	# 31
27) 2,4-Dimethylphenol	7.71	122	411	0.09	ng	# 7
28) bis(2-Chloroethoxy)methane	7.84	93	236	0.03	ng	# 49
31) Naphthalene	8.01	128	1098	0.08	ng	# 68
32) Benzoic acid	7.71	122	411	0.12	ng	# 83
37) 2-Methylnaphthalene	8.70	142	265	0.03	ng	# 86
45) 1,1'-Biphenyl	9.16	154	225	0.02	ng	# 43
47) 2-Nitroaniline	9.46	65	1261	0.48	ng	# 1
48) Acenaphthylene	9.60	152	8396	0.71	ng	# 98
49) Dimethylphthalate	9.46	163	102900	12.56	ng	# 99
50) 2,6-Dinitrotoluene	9.46	165	1220	0.67	ng	# 1
51) Acenaphthene	9.77	154	1430	0.20	ng	# 99
54) Dibenzofuran	9.94	168	678	0.07	ng	# 79
55) 4-Nitrophenol	9.94	139	285	0.16	ng	# 5
56) 2,4-Dinitrotoluene	9.74	165	14854	6.26	ng	# 38
57) Fluorene	10.28	166	1268	0.17	ng	# 93
59) Diethylphthalate	10.16	149	638	0.08	ng	# 60
61) 4-Nitroaniline	10.31	138	540	0.24	ng	# 22
62) Azobenzene	10.44	77	433	0.05	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	879	0.15	ng	# 36
66) 4-Bromophenyl-phenylether	10.52	248	1522	0.89	ng	# 1
70) Phenanthrene	11.23	178	19020	2.05	ng	# 97
71) Anthracene	11.23	178	19020	2.06	ng	# 97
72) Carbazole	11.45	167	3507	0.40	ng	# 67
73) Di-n-butylphthalate	11.79	149	6398	0.63	ng	# 69
74) Fluoranthene	12.42	202	45645	4.84	ng	# 92

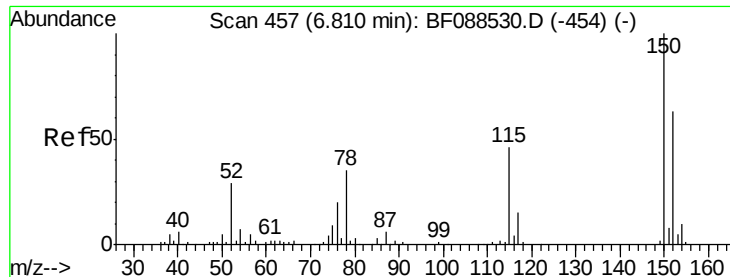
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088932.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) Benzidine	12.69	184	481	0.06	ng	# 1
77) Pyrene	12.65	202	43520	3.38	ng	# 90
79) Butylbenzylphthalate	13.28	149	4199	0.73	ng	# 44
80) Benzo(a)anthracene	13.87	228	45800	4.68	ng	# 86
81) 3,3'-Dichlorobenzidine	13.74	252	2008	0.55	ng	# 1
82) Chrysene	13.87	228	45800	4.73	ng	# 90
83) Bis(2-ethylhexyl)phthalate	13.85	149	39624	6.04	ng	# 95
84) Di-n-octyl phthalate	14.43	149	2316	0.21	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.53	276	22661	3.04	ng	# 100
87) Benzo(b)fluoranthene	14.86	252	57206	6.54	ng	# 67
88) Benzo(k)fluoranthene	14.86	252	57206	7.51	ng	# 68
89) Benzo(a)pyrene	15.18	252	21077	2.85	ng	# 48
90) Dibenzo(a,h)anthracene	16.53	278	5473	0.89	ng	# 51
91) Benzo(g,h,i)perylene	16.90	276	23656	3.70	ng	# 95

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

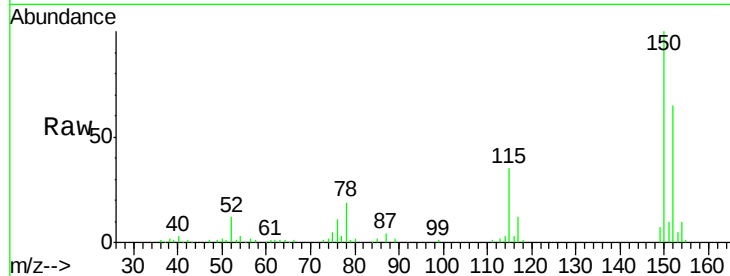


#1

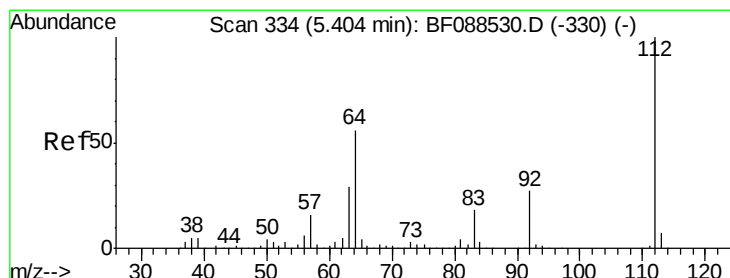
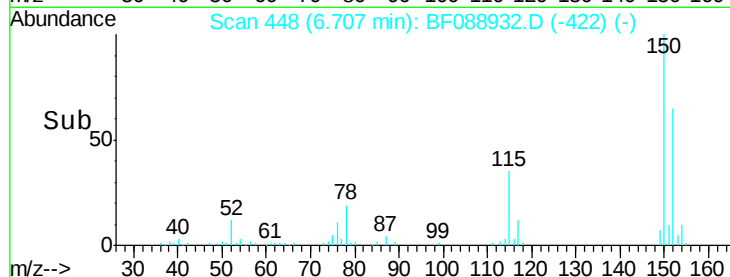
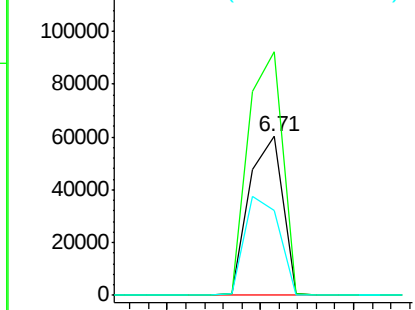
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

Instrument :
 BNA_F
 ClientSampleId :
 SS-10

Tgt Ion:152 Resp: 74687
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.8 185.6
 115 53.8 39.6 59.4



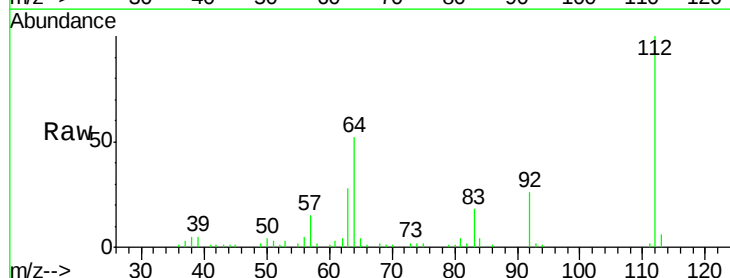
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



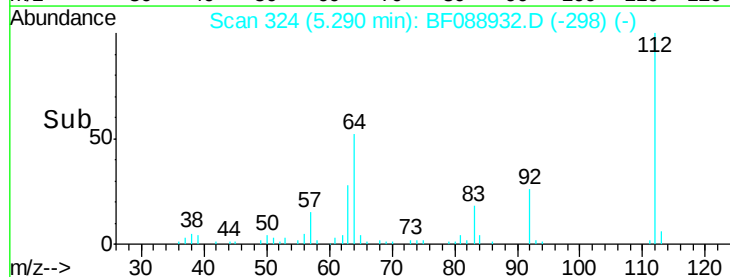
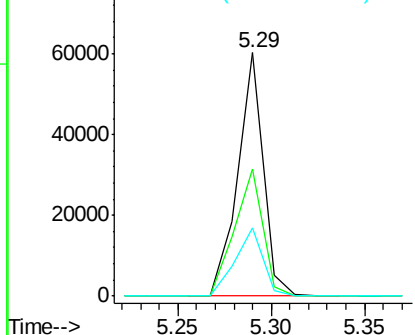
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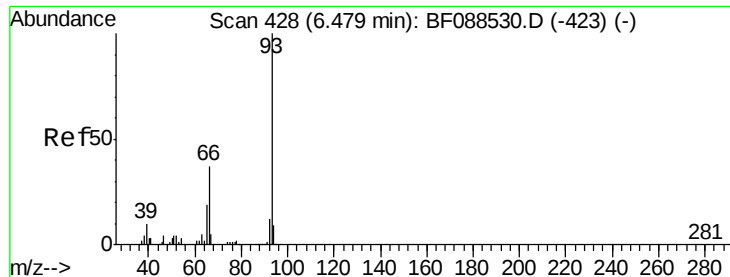
2-Fluorophenol
 Concen: 11.61 ng
 RT: 5.29 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

Tgt Ion:112 Resp: 57844
 Ion Ratio Lower Upper
 112 100
 64 52.4 42.2 63.2
 63 27.8 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: 0.11 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

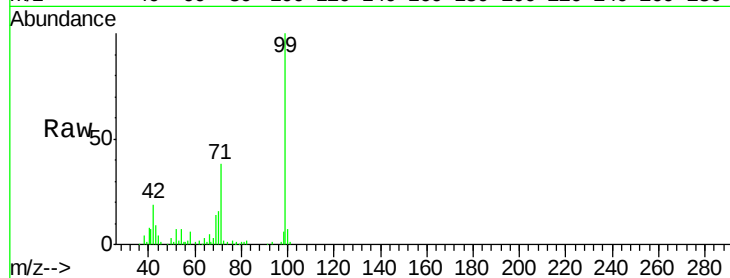
Tgt Ion: 93 Resp: 1037

Ion Ratio Lower Upper

93 100

66 717.3 29.8 44.8#

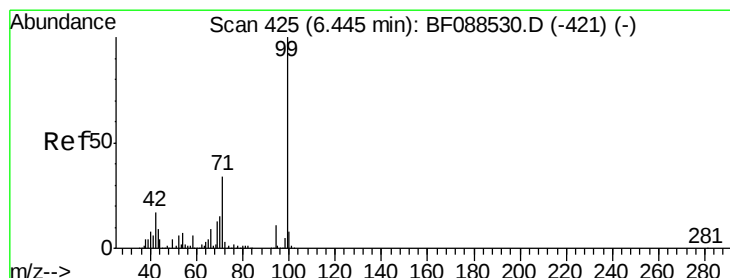
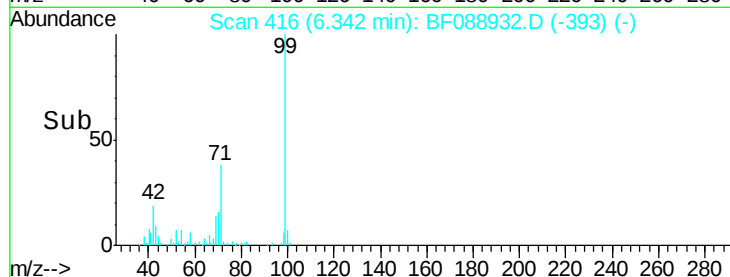
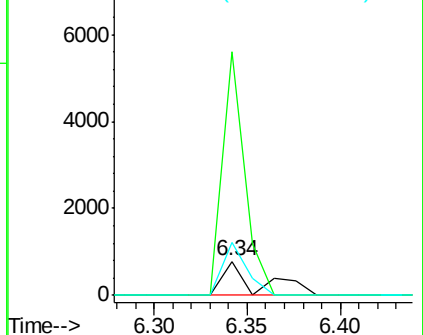
65 154.2 14.9 22.3#



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: 14.57 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

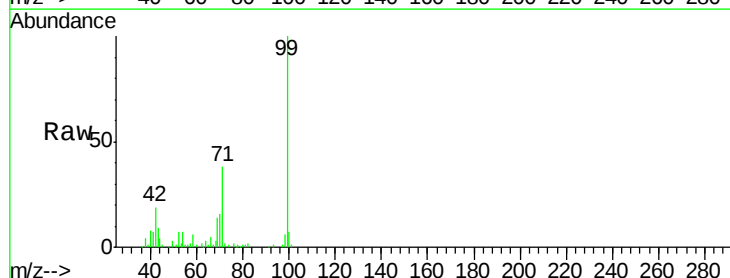
Tgt Ion: 99 Resp: 93807

Ion Ratio Lower Upper

99 100

42 19.0 12.2 18.2#

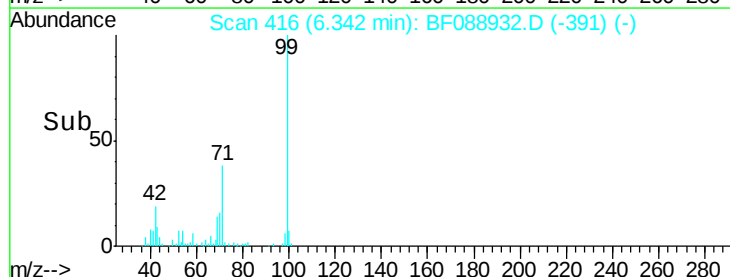
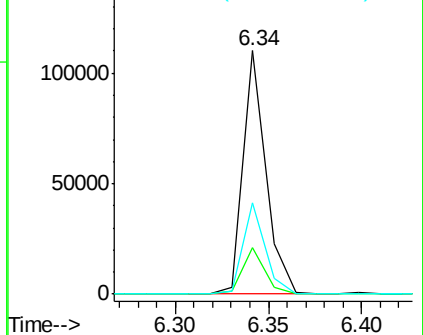
71 37.7 23.4 35.0#

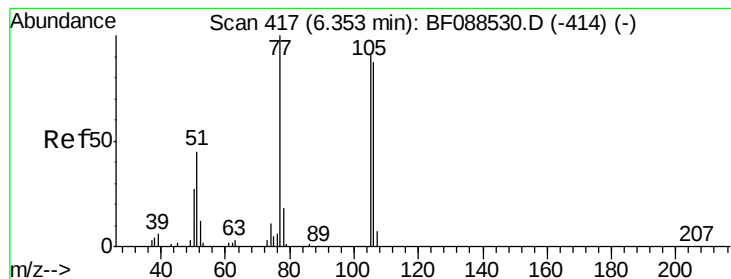


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.11 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

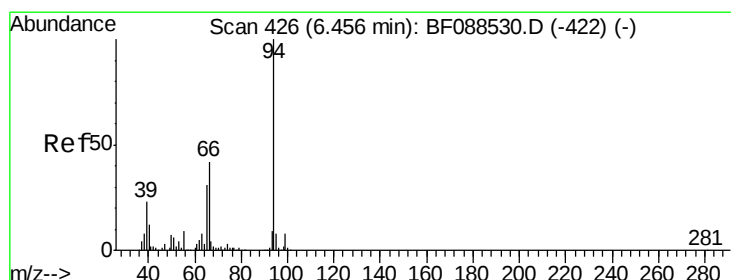
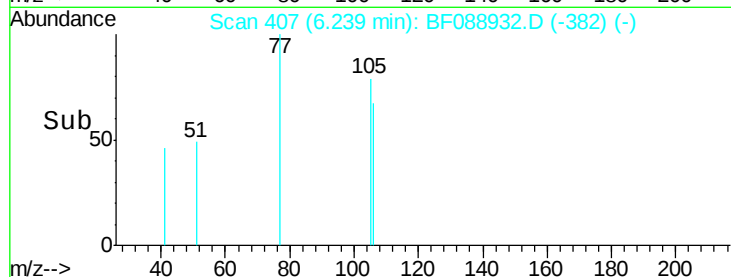
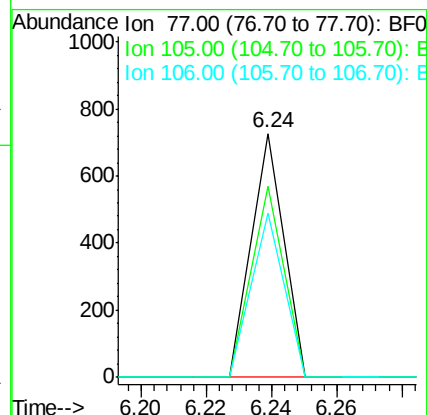
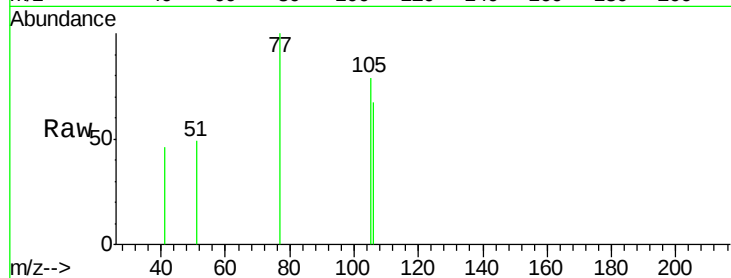
Tgt Ion: 77 Resp: 498

Ion Ratio Lower Upper

77 100

105 78.5 90.6 130.6#

106 67.2 85.3 125.3#



#10

Phenol

Concen: 0.07 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

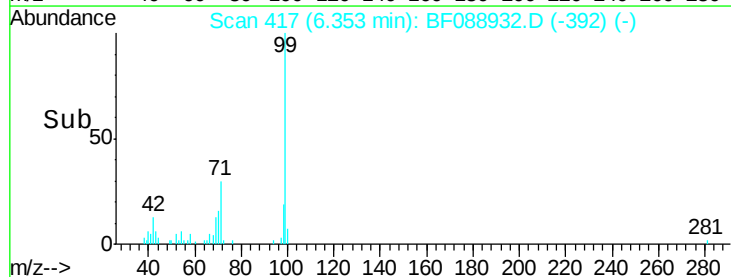
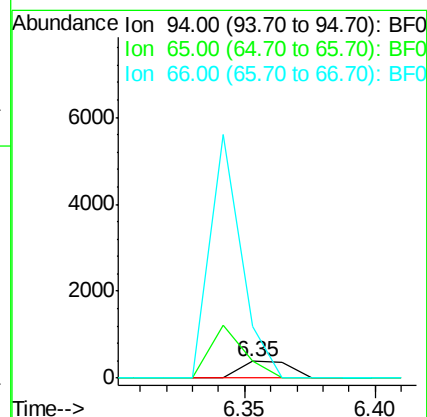
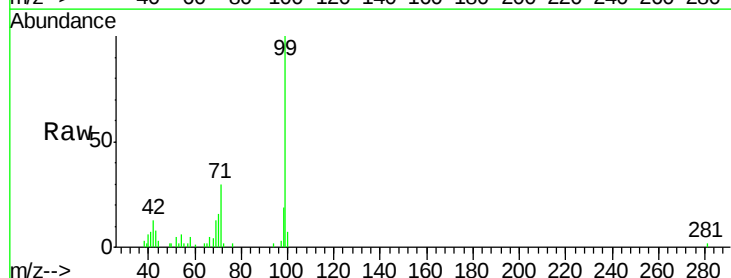
Tgt Ion: 94 Resp: 501

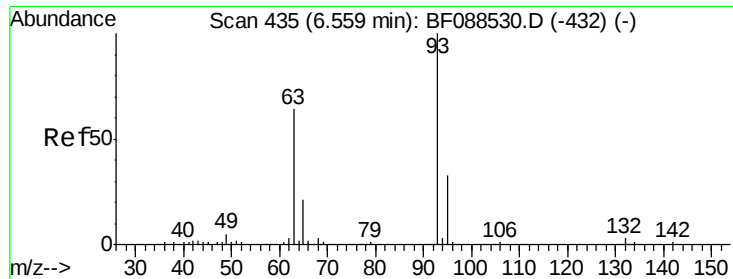
Ion Ratio Lower Upper

94 100

65 104.2 5.9 45.9#

66 313.4 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 0.19 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.11 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

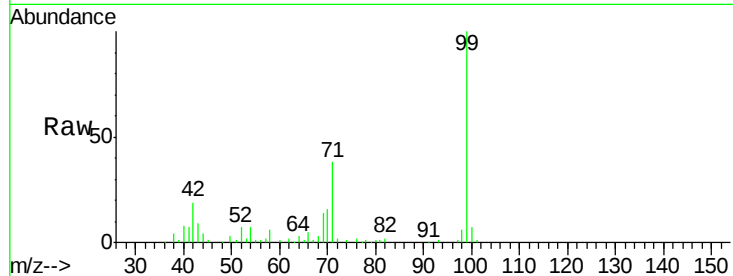
Tgt Ion: 93 Resp: 1037

Ion Ratio Lower Upper

93 100

63 43.8 67.6 107.6#

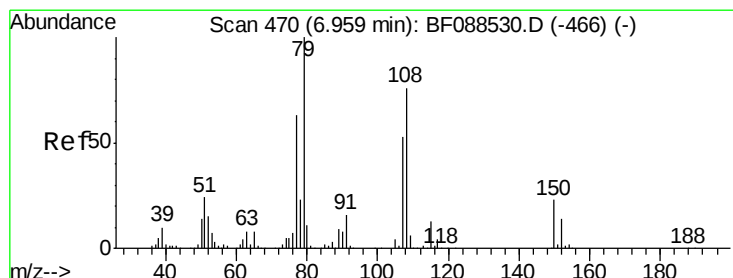
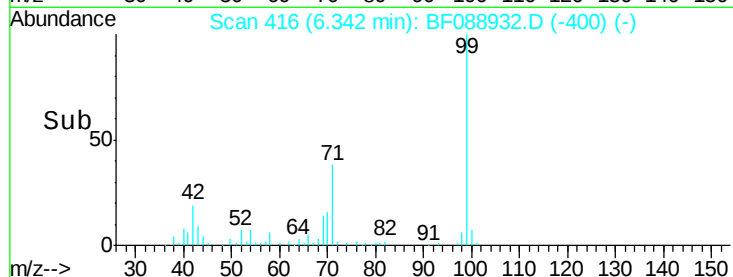
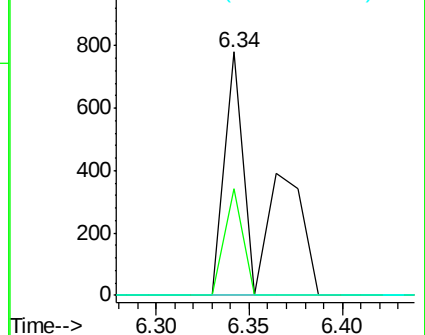
95 0.0 12.5 52.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#15

Benzyl Alcohol

Concen: 0.67 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

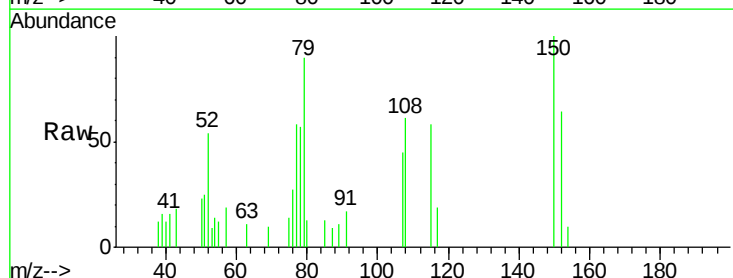
Tgt Ion: 79 Resp: 3188

Ion Ratio Lower Upper

79 100

108 68.4 65.0 97.6

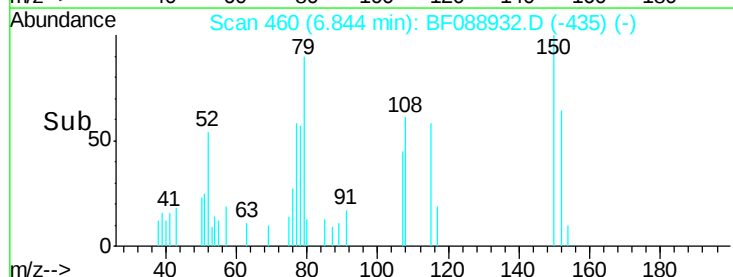
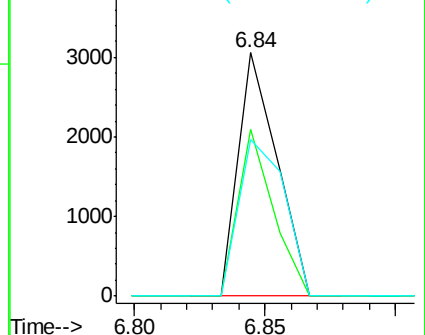
77 64.5 50.3 75.5

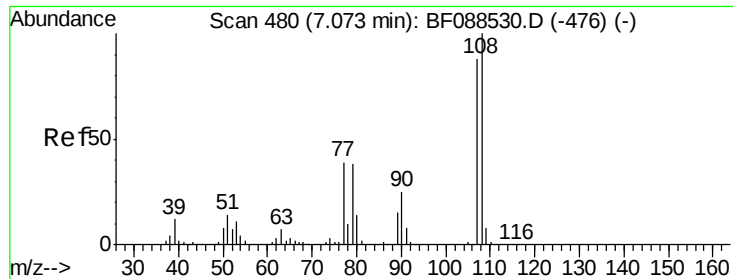


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

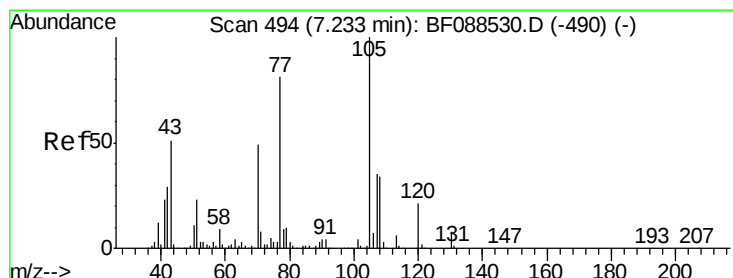
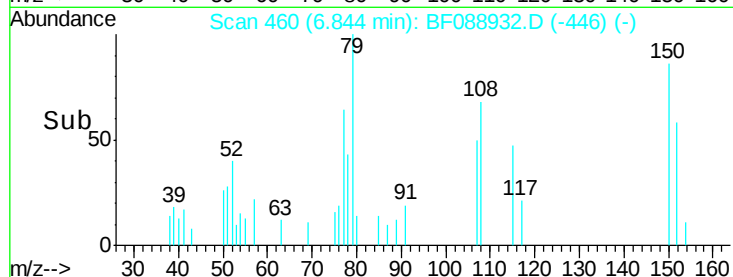
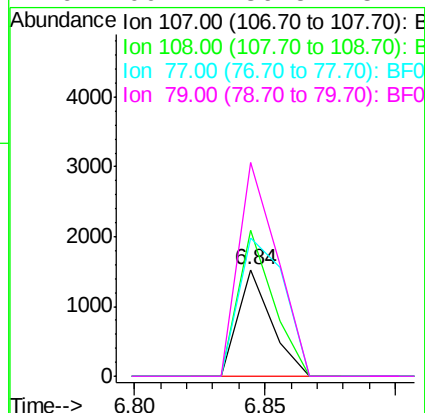
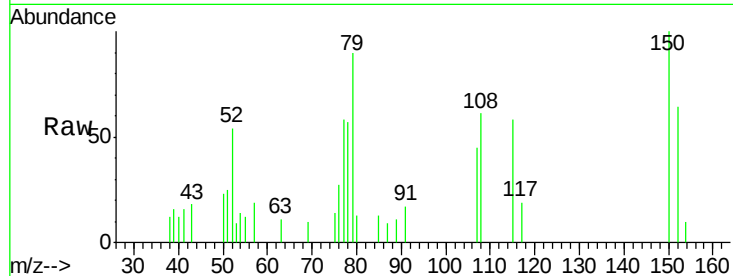




#17
2-Methylphenol
Concen: 0.31 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.14 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

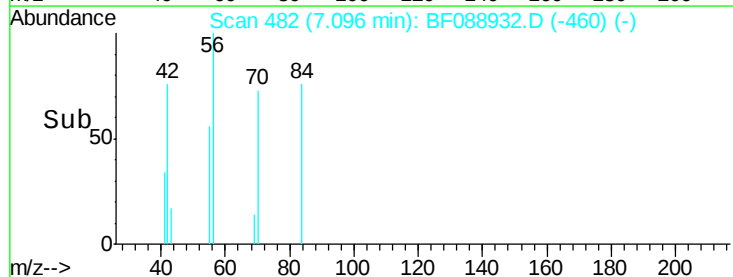
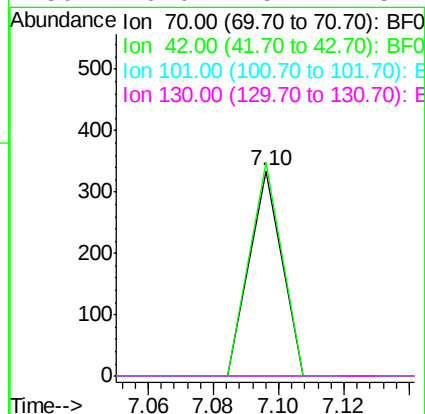
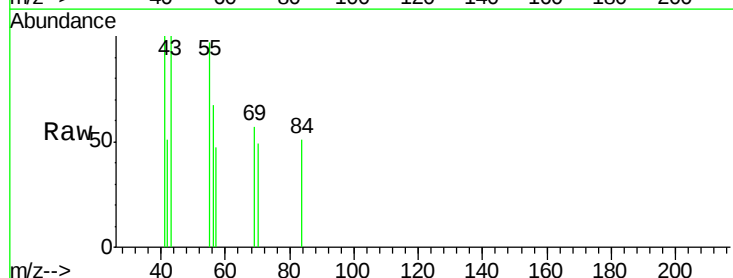
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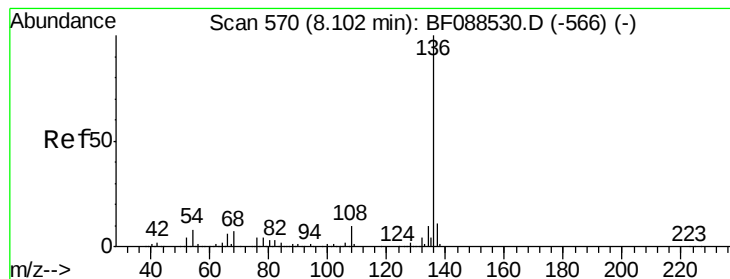
Tgt Ion: 107 Resp: 1370
Ion Ratio Lower Upper
107 100
108 137.0 90.9 136.3#
77 129.1 36.6 55.0#
79 200.2 36.5 54.7#



#19
n-Nitroso-di-n-propylamine
Concen: 0.05 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

Tgt Ion: 70 Resp: 230
Ion Ratio Lower Upper
70 100
42 103.9 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: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampled :

SS-10

Tgt Ion:136 Resp: 293882

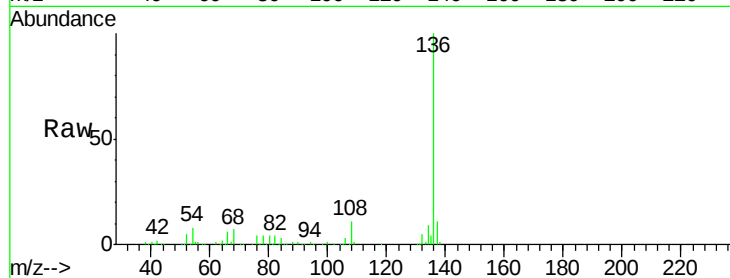
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.3 6.6 10.0

68 6.5 5.1 7.7

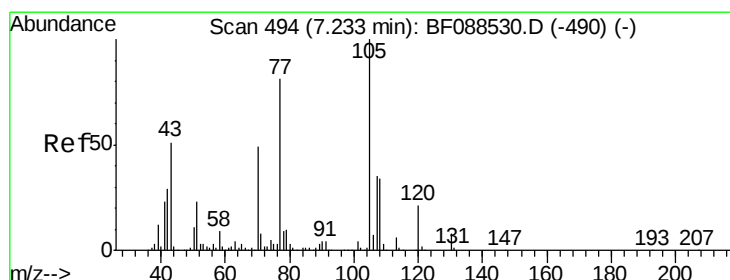
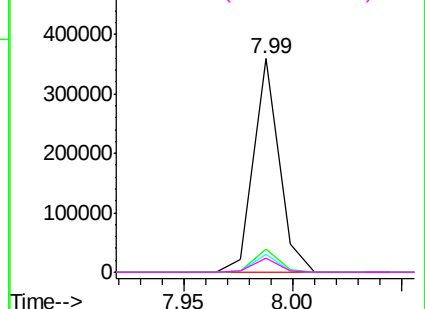
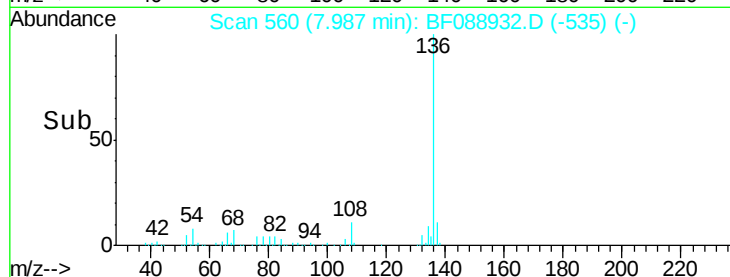


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 0.22 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Tgt Ion:105 Resp: 1569

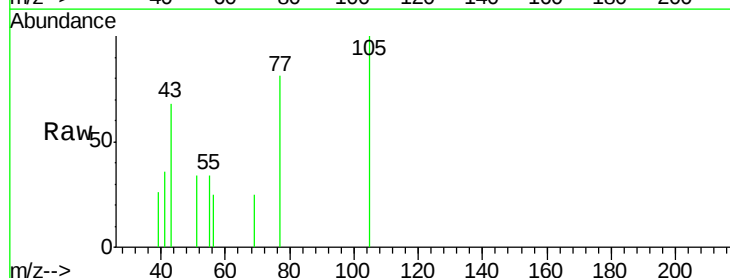
Ion Ratio Lower Upper

105 100

71 0.0 5.3 7.9#

51 34.5 18.2 27.4#

120 0.0 18.0 27.0#

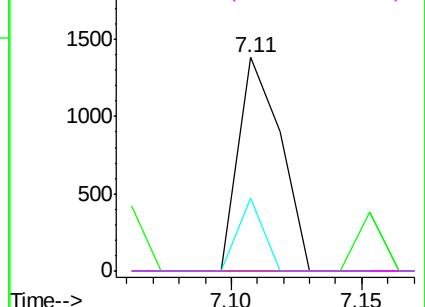
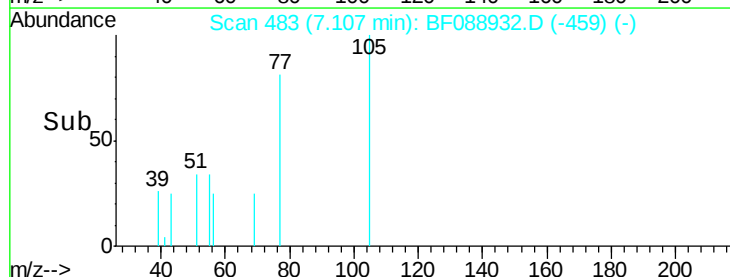


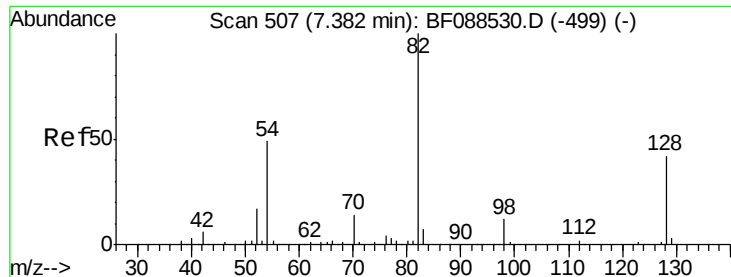
Abundance Ion 105.00 (104.70 to 105.70): E

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

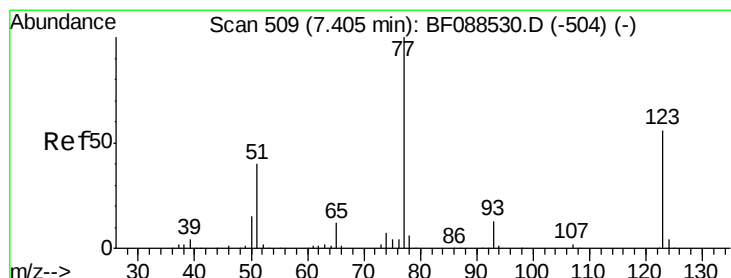
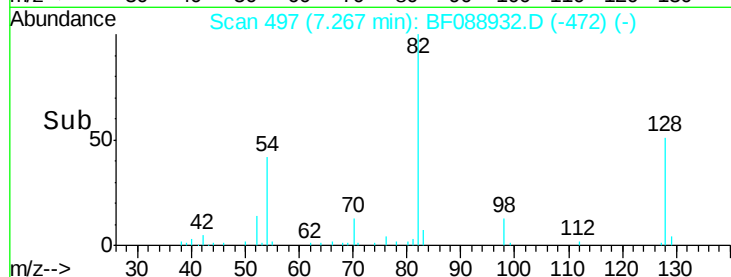
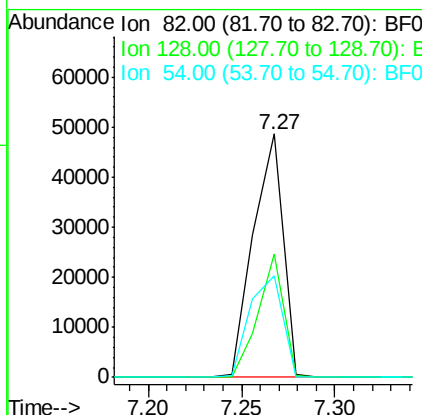
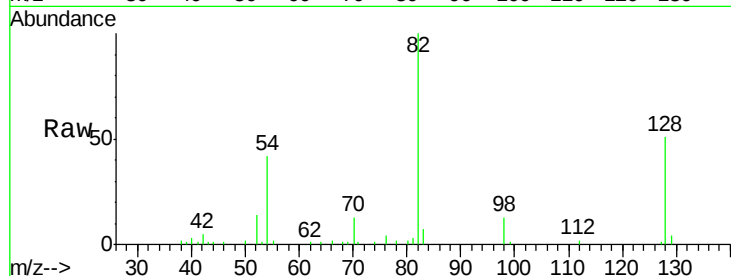




#23
 Nitrobenzene-d5
 Concen: 9.56 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

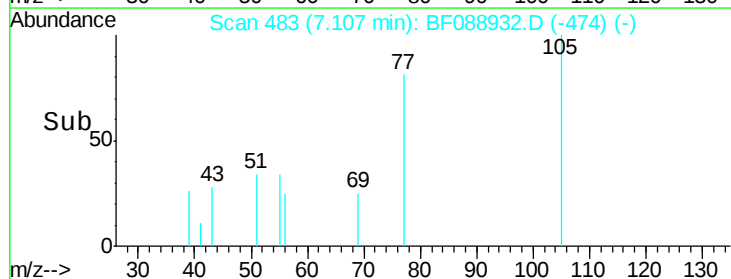
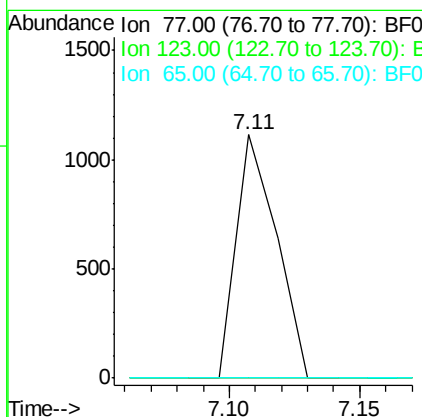
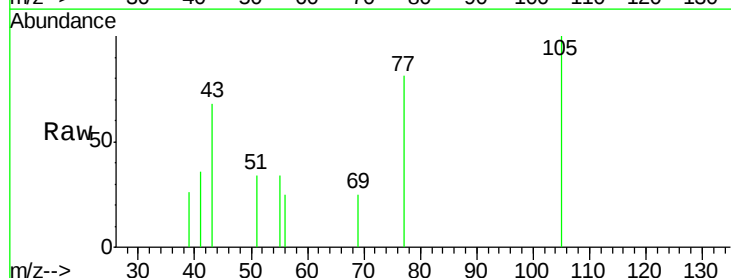
Instrument :
 BNA_F
 ClientSampleId :
 SS-10

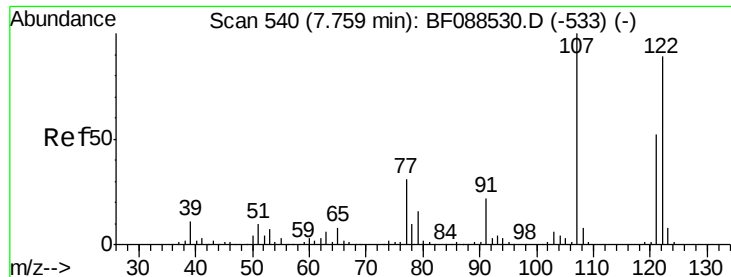
Tgt Ion: 82 Resp: 53623
 Ion Ratio Lower Upper
 82 100
 128 50.6 35.9 53.9
 54 41.8 40.9 61.3



#24
 Nitrobenzene
 Concen: 0.21 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.19 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

Tgt Ion: 77 Resp: 1206
 Ion Ratio Lower Upper
 77 100
 123 0.0 45.0 67.4#
 65 0.0 10.2 15.2#

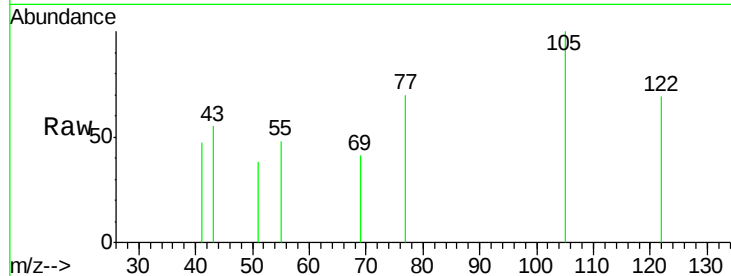




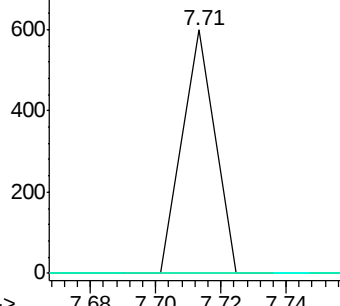
#27
 2,4-Dimethylphenol
 Concen: 0.09 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.05 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

Instrument :
 BNA_F
 ClientSampleId :
 SS-10

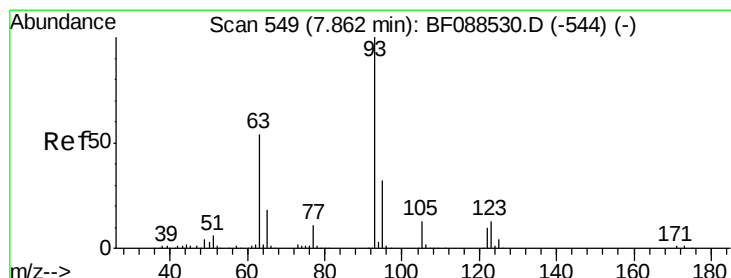
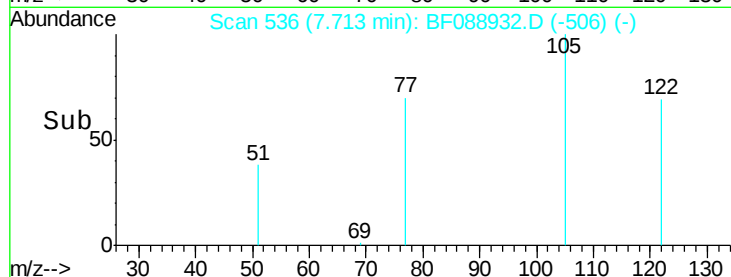
Tgt Ion: 122 Resp: 411
 Ion Ratio Lower Upper
 122 100
 107 0.0 82.4 123.6#
 121 0.0 46.3 69.5#



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

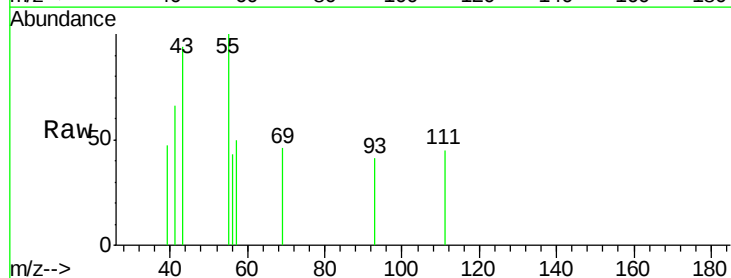


Time-->

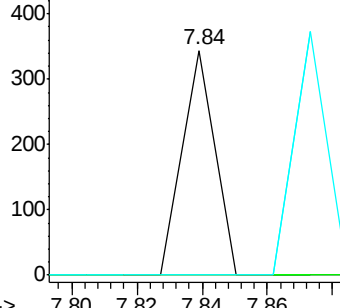


#28
 bis(2-Chloroethoxy)methane
 Concen: 0.03 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.08 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

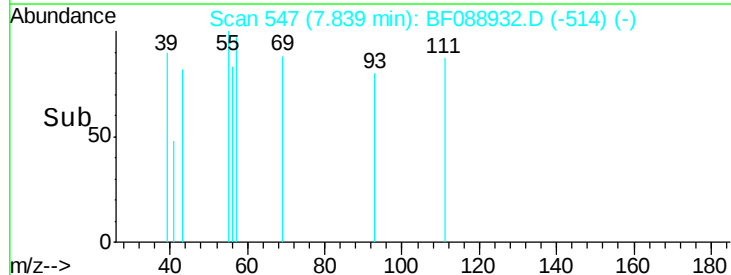
Tgt Ion: 93 Resp: 236
 Ion Ratio Lower Upper
 93 100
 95 0.0 26.5 39.7#
 123 0.0 11.6 17.4#

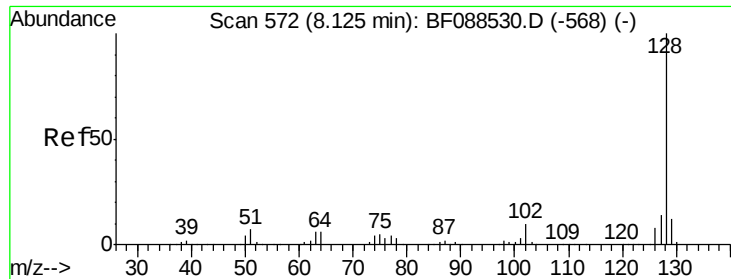


Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E



Time-->

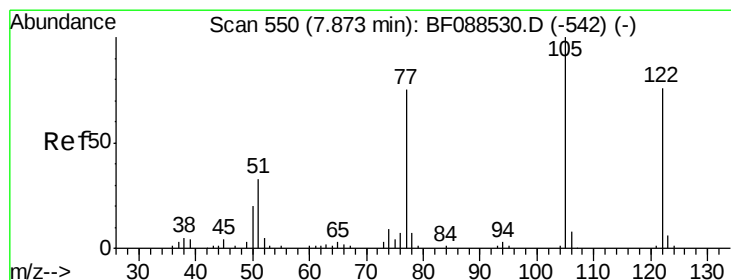
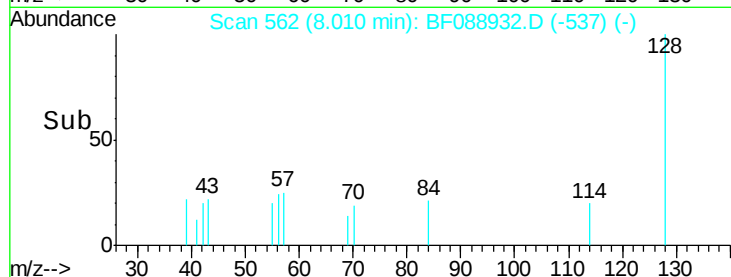
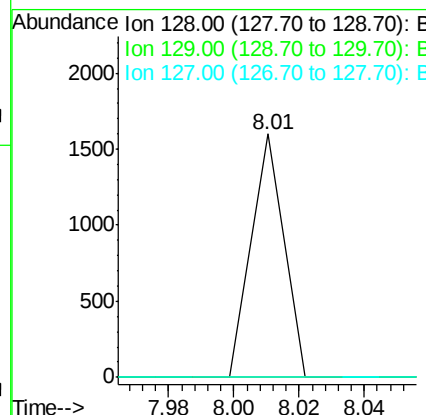
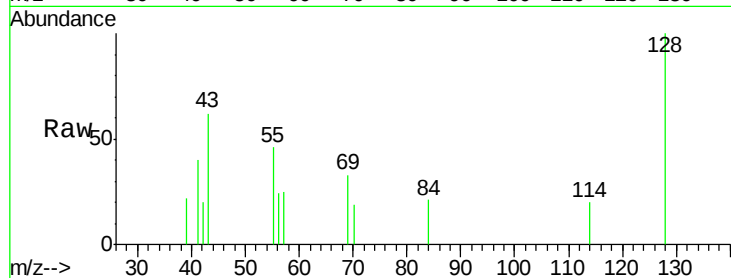




#31
Naphthalene
Concen: 0.08 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

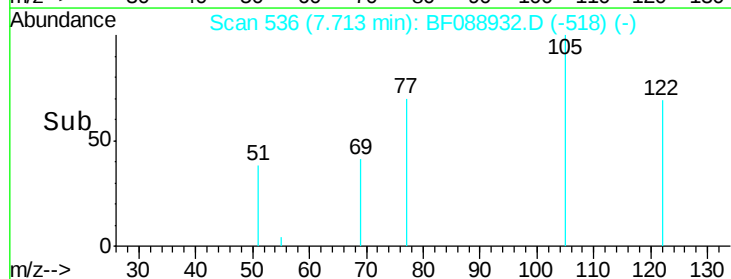
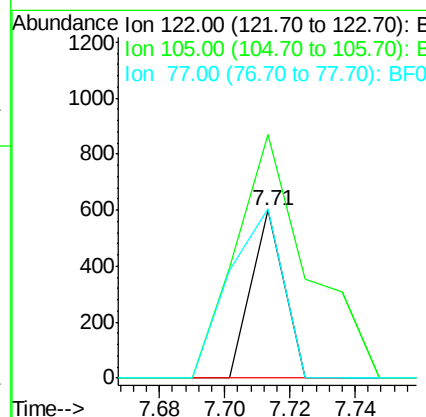
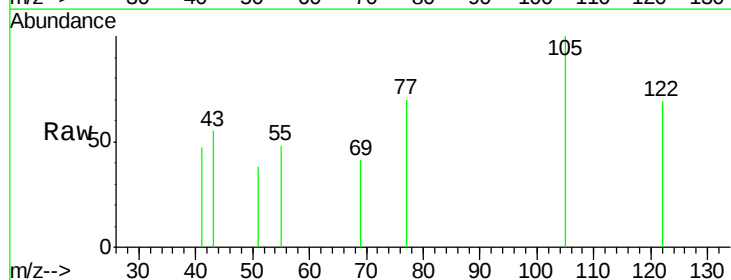
Instrument :
BNA_F
ClientSampleId :
SS-10

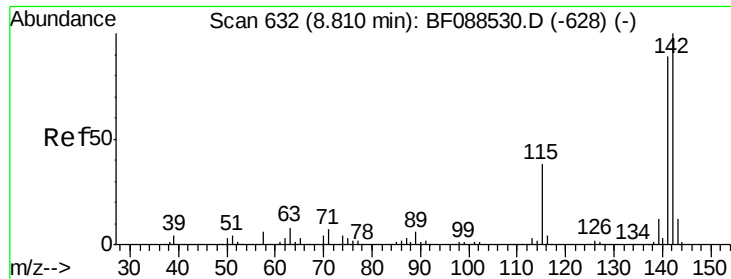
Tgt Ion:128 Resp: 1098
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.2#
127 0.0 10.9 16.3#



#32
Benzoic acid
Concen: 0.12 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.09 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

Tgt Ion:122 Resp: 411
Ion Ratio Lower Upper
122 100
105 145.2 101.6 141.6#
77 101.2 70.6 110.6

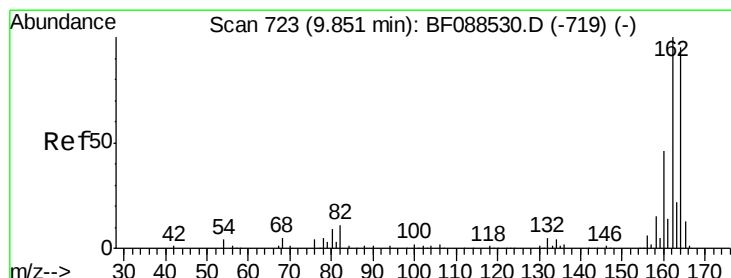
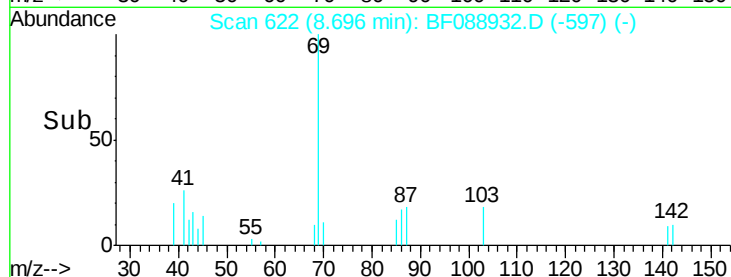
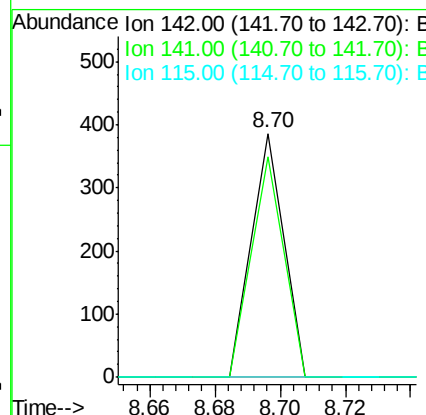
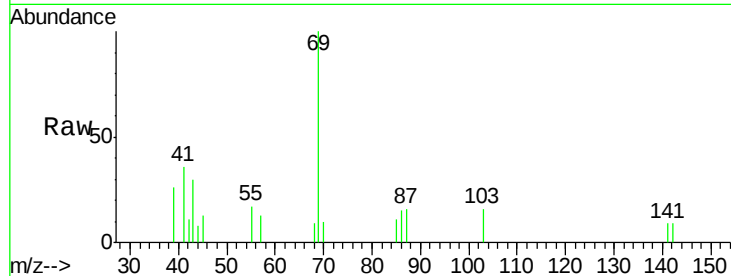




#37
 2-Methylnaphthalene
 Concen: 0.03 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

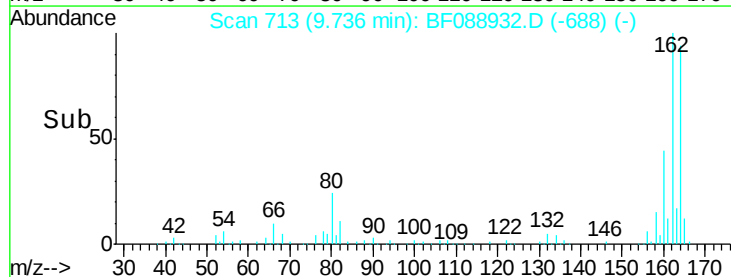
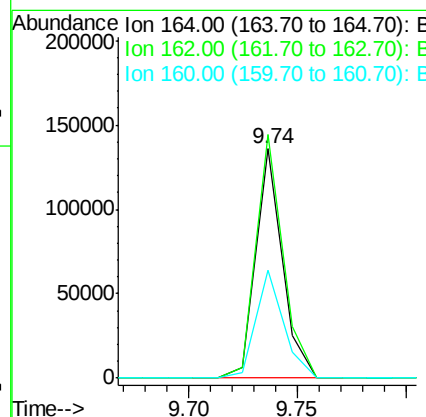
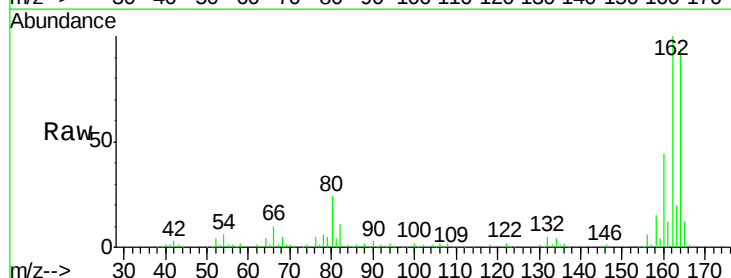
Instrument :
 BNA_F
 ClientSampleId :
 SS-10

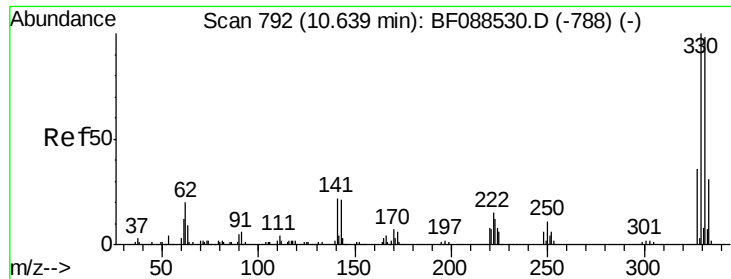
Tgt Ion:142 Resp: 265
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.0 106.6
 115 0.0 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

Tgt Ion:164 Resp: 114955
 Ion Ratio Lower Upper
 164 100
 162 106.2 85.4 128.2
 160 47.2 39.5 59.3

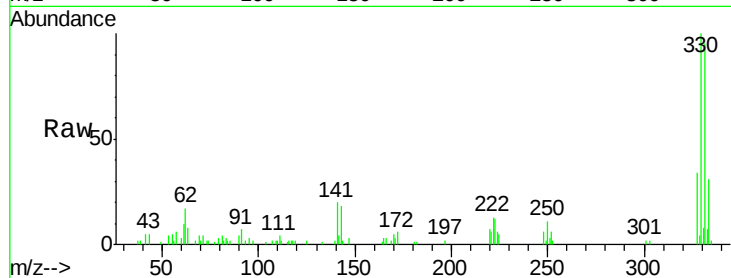




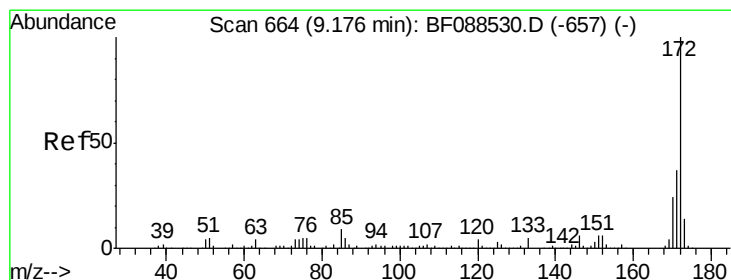
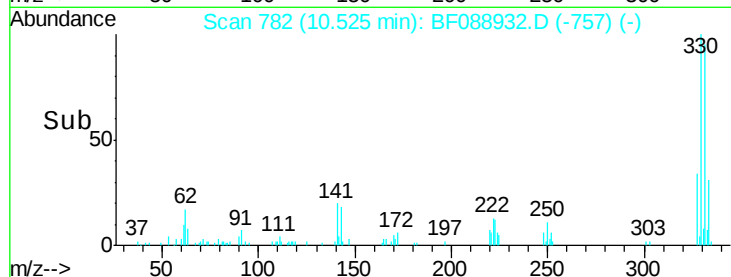
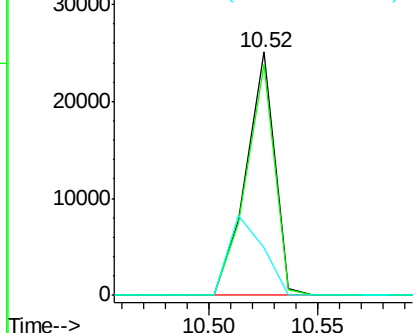
#41
 2,4,6-Tribromophenol
 Concen: 21.52 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

Instrument :
 BNA_F
 ClientSampleId :
 SS-10

Tgt Ion:330 Resp: 22974
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 39.4 0.0 0.0#

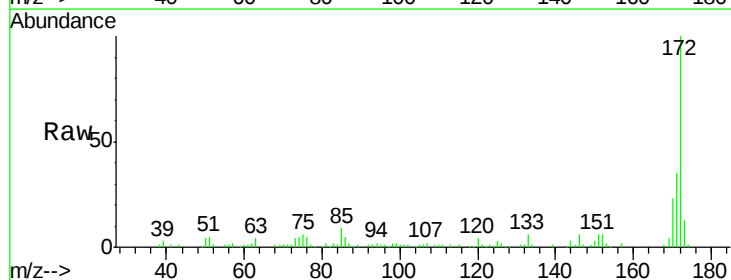


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

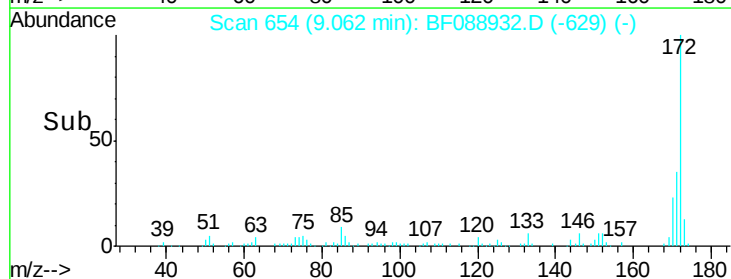
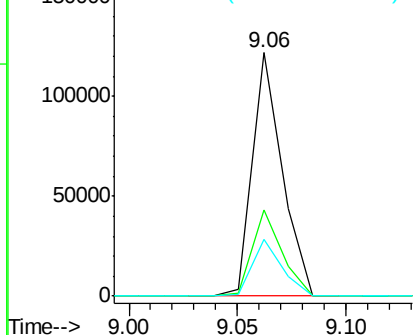


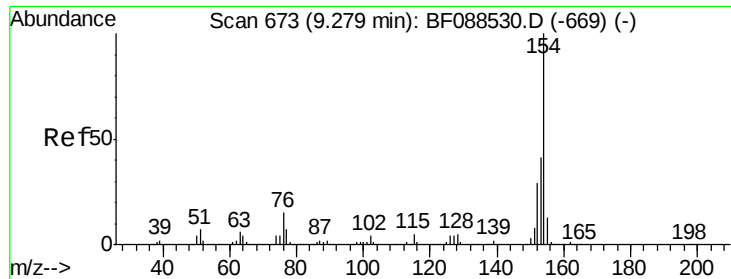
#44
 2-Fluorobiphenyl
 Concen: 15.88 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

Tgt Ion:172 Resp: 115586
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.4 19.2 28.8



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

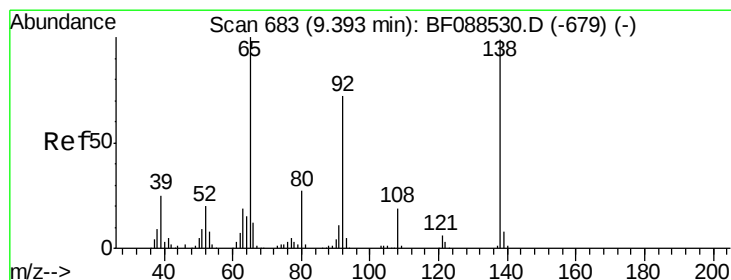
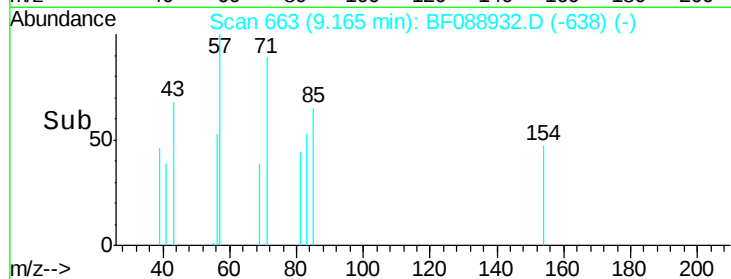
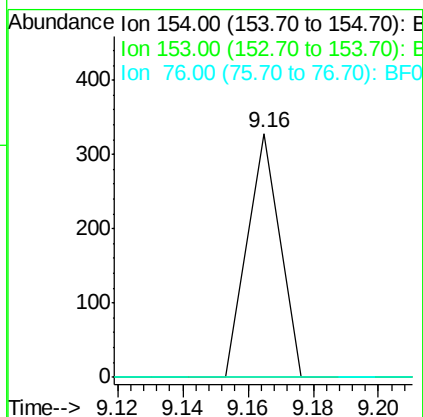
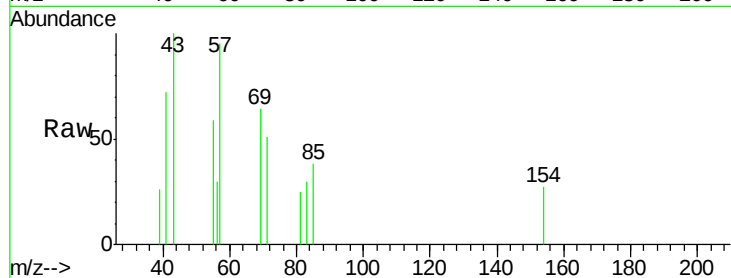




#45
 1,1'-Biphenyl
 Concen: 0.02 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

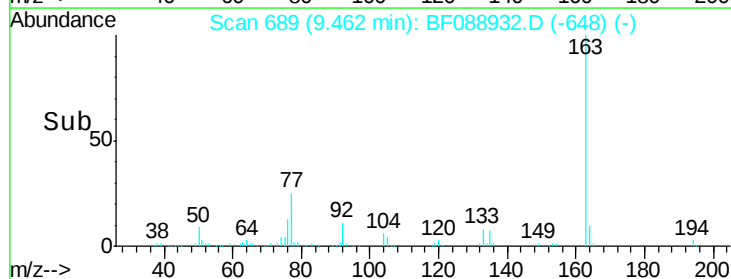
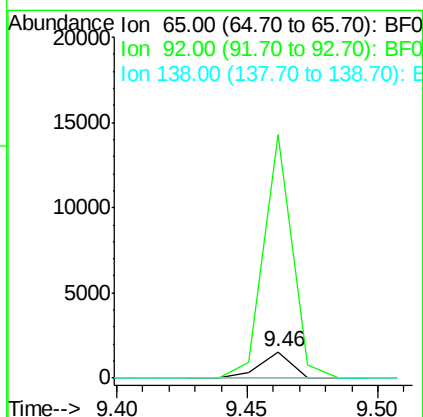
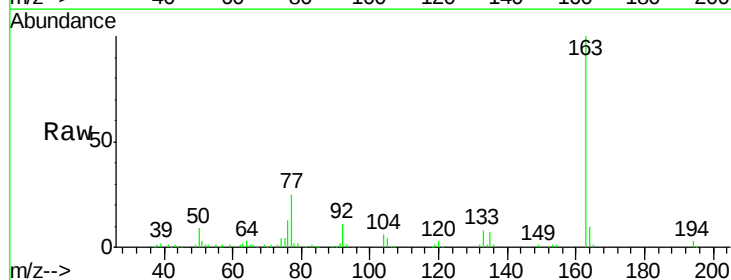
Instrument :
 BNA_F
 ClientSampleId :
 SS-10

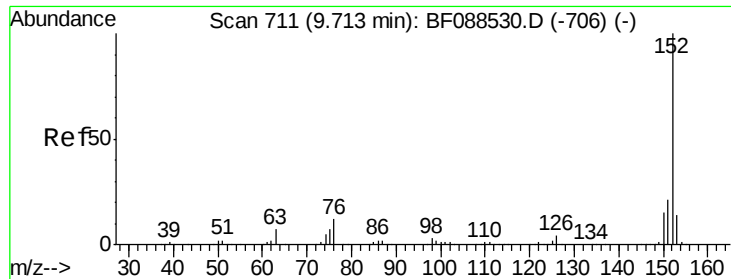
Tgt Ion: 154 Resp: 225
 Ion Ratio Lower Upper
 154 100
 153 0.0 20.6 60.6#
 76 0.0 0.0 35.1



#47
 2-Nitroaniline
 Concen: 0.48 ng
 RT: 9.46 min Scan# 689
 Delta R.T. 0.17 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

Tgt Ion: 65 Resp: 1261
 Ion Ratio Lower Upper
 65 100
 92 933.9 54.6 82.0#
 138 0.0 77.0 115.4#

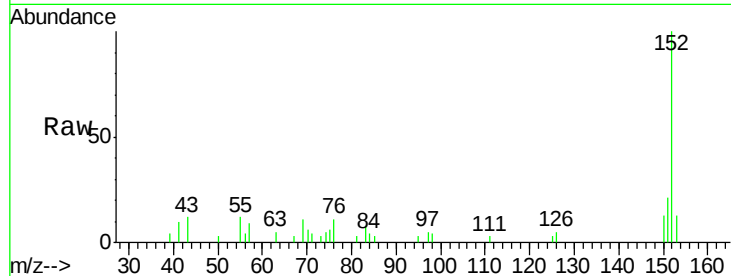




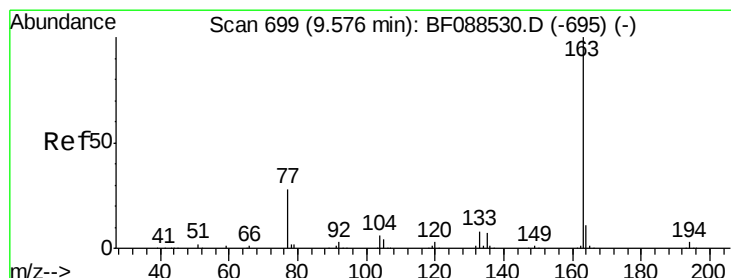
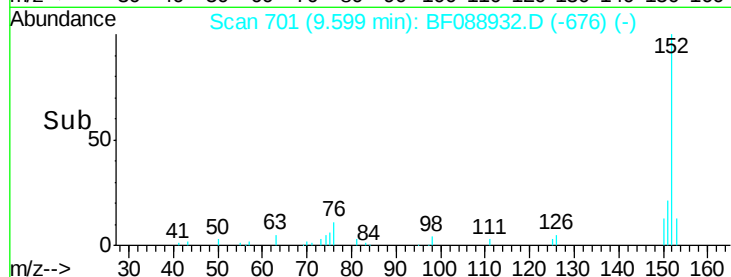
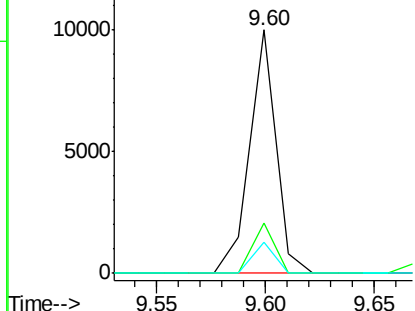
#48
Acenaphthylene
Concen: 0.71 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:152 Resp: 8396
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 12.7 11.0 16.6

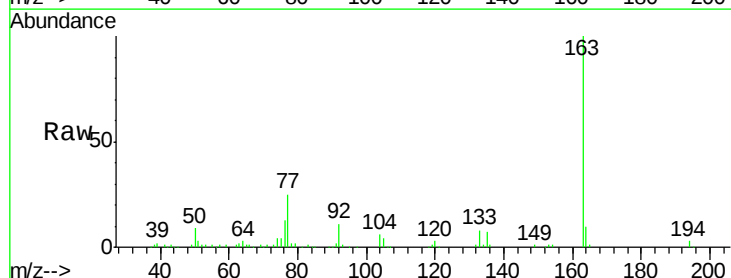


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

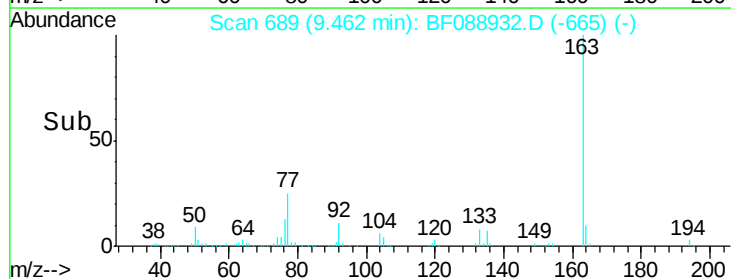
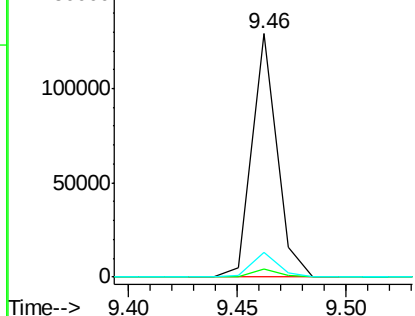


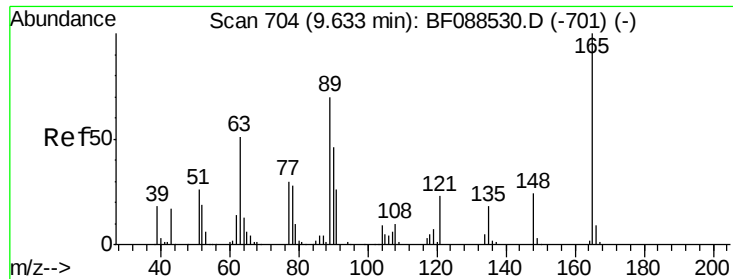
#49
Dimethylphthalate
Concen: 12.56 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

Tgt Ion:163 Resp: 102900
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.2 8.3 12.5



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

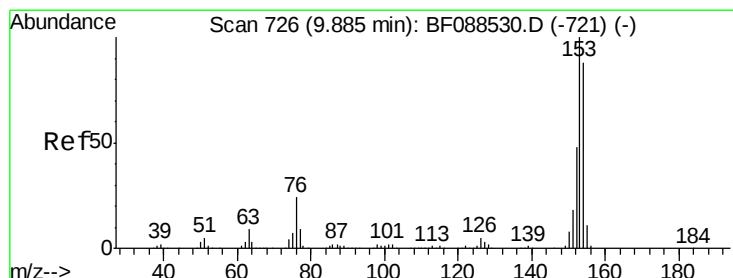
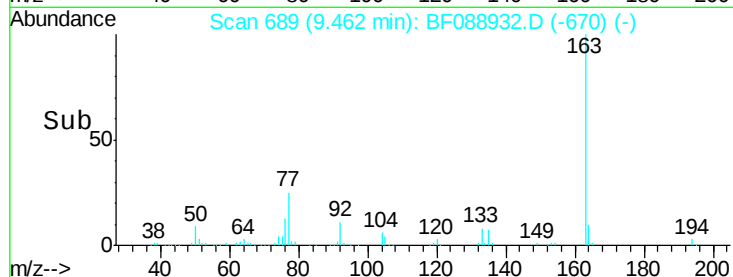
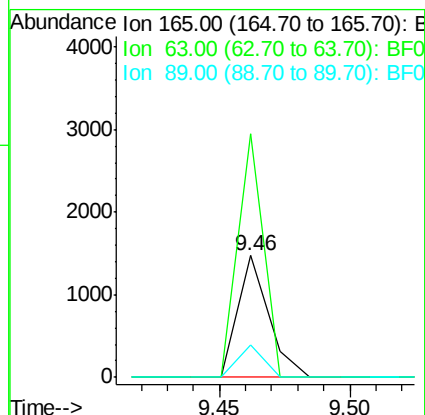
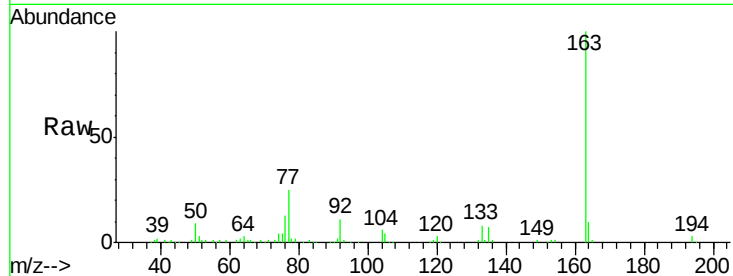




#50
2,6-Dinitrotoluene
Concen: 0.67 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.08 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

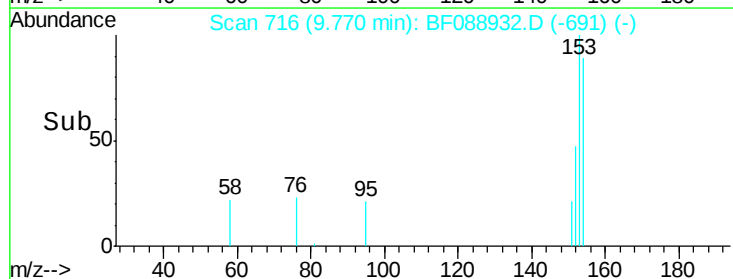
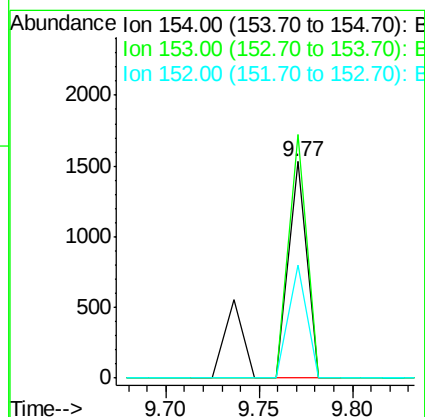
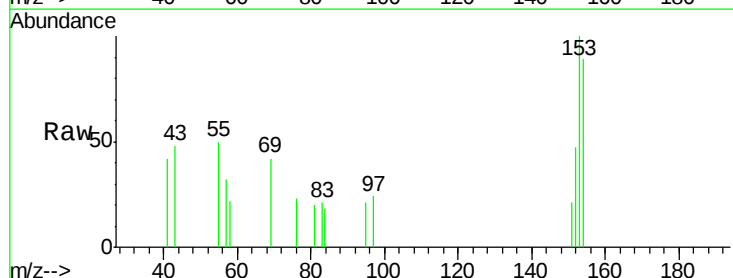
Instrument :
BNA_F
ClientSampleId :
SS-10

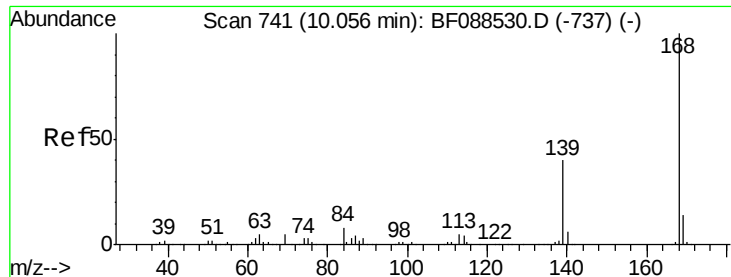
Tgt Ion:165 Resp: 1220
Ion Ratio Lower Upper
165 100
63 200.3 28.1 42.1#
89 26.4 32.2 48.2#



#51
Acenaphthene
Concen: 0.20 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

Tgt Ion:154 Resp: 1430
Ion Ratio Lower Upper
154 100
153 112.5 89.5 134.3
152 52.4 42.7 64.1





#54

Dibenzenofuran

Concen: 0.07 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

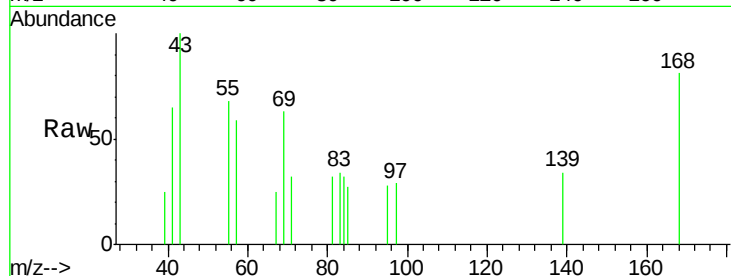
Tgt Ion:168 Resp: 678

Ion Ratio Lower Upper

168 100

139 42.0 26.4 39.6#

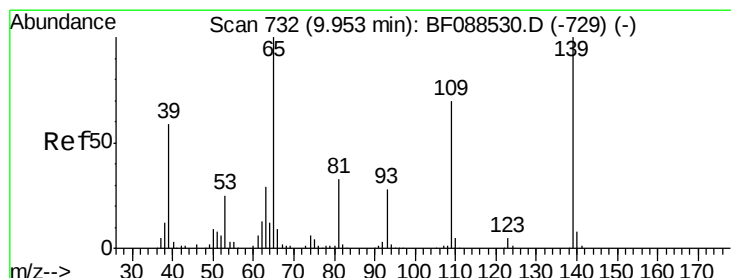
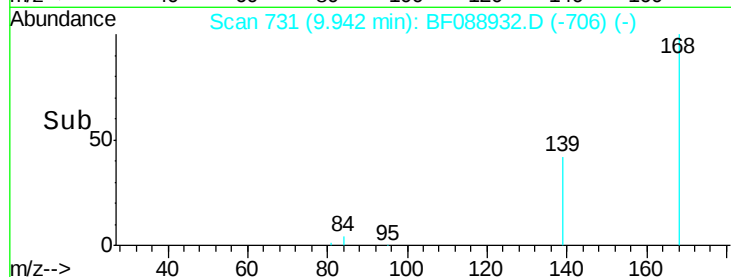
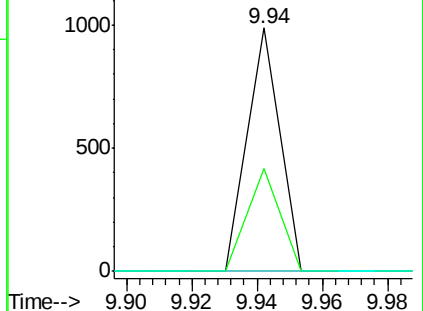
169 0.0 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.16 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.07 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

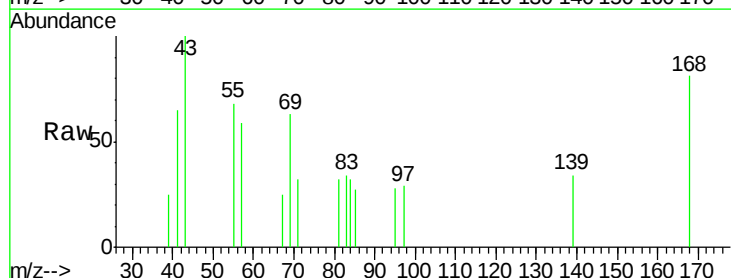
Tgt Ion:139 Resp: 285

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

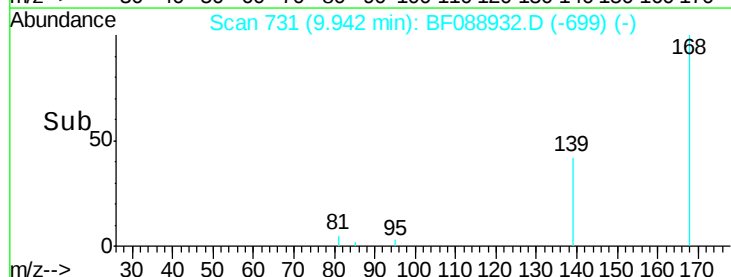
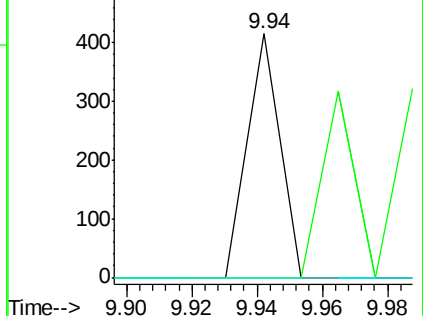
65 0.0 84.9 124.9#

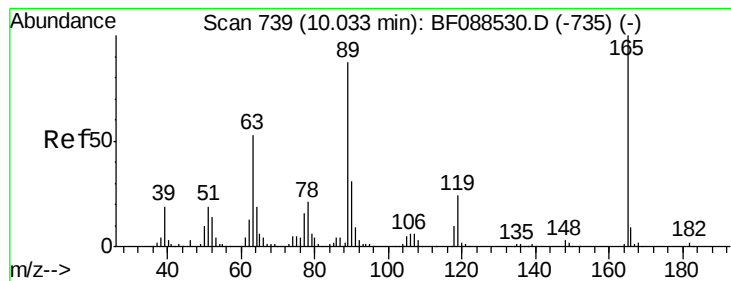


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.26 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.21 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

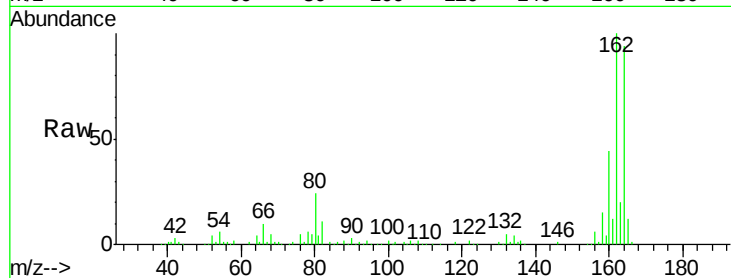
Instrument :

BNA_F

ClientSampleId :

SS-10

Tgt Ion:	165	Resp:	14854
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	2.4	41.1	61.7#
182	0.0	2.0	3.0#

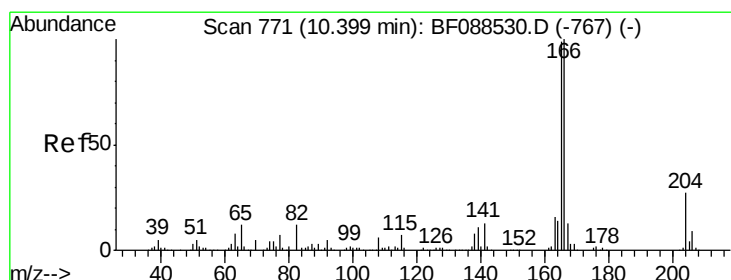
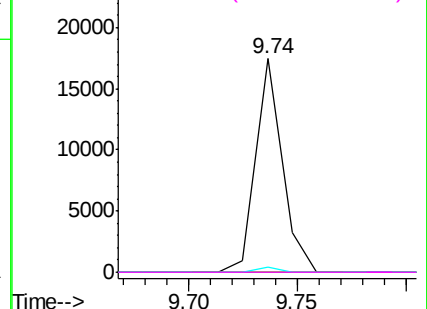
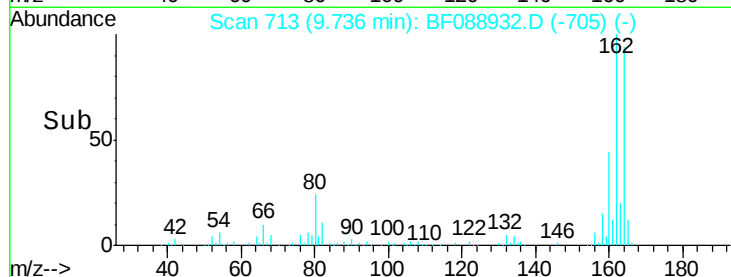


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.17 ng

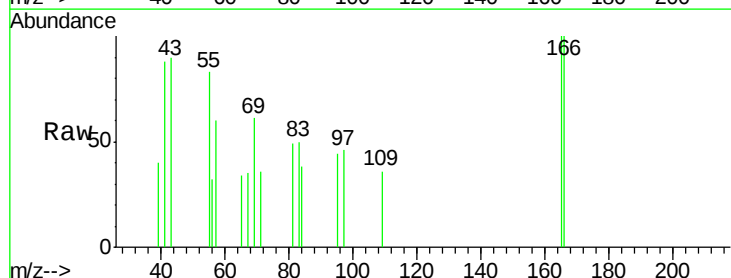
RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

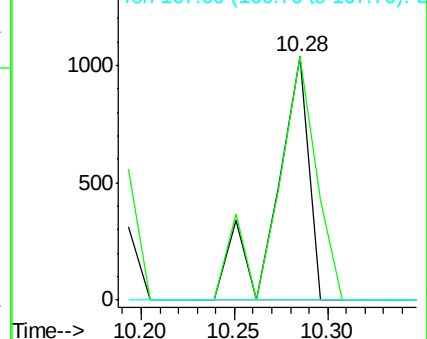
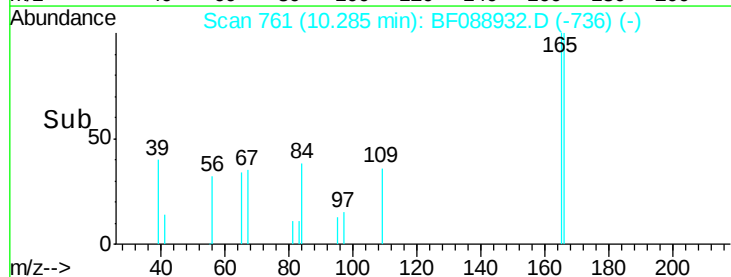
Tgt Ion:	166	Resp:	1268
Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.8
167	0.0	11.2	16.8#

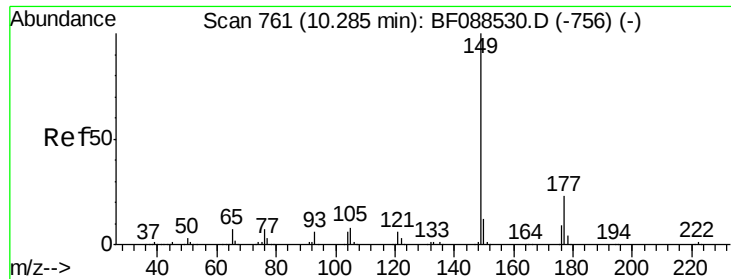


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

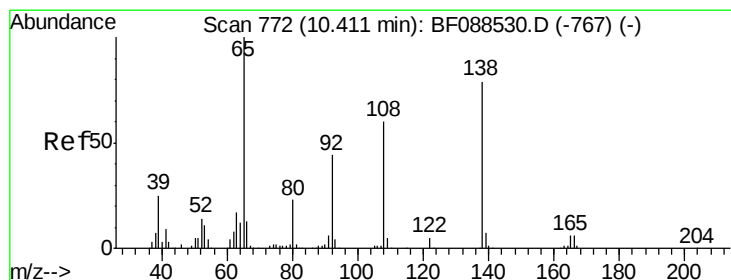
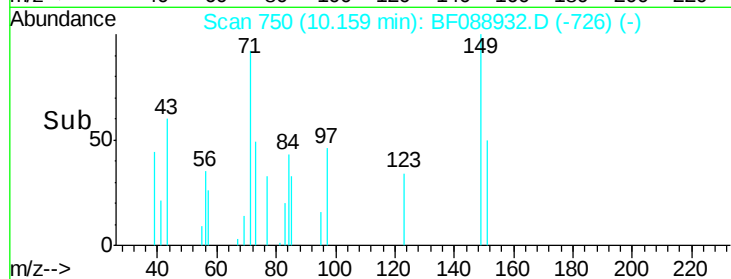
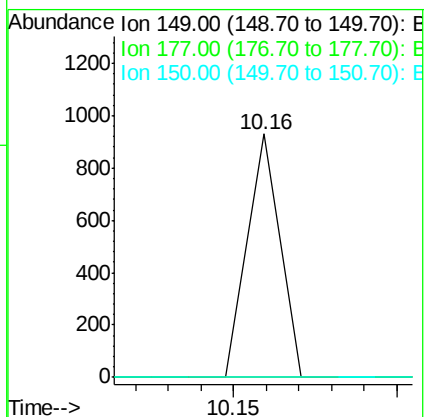
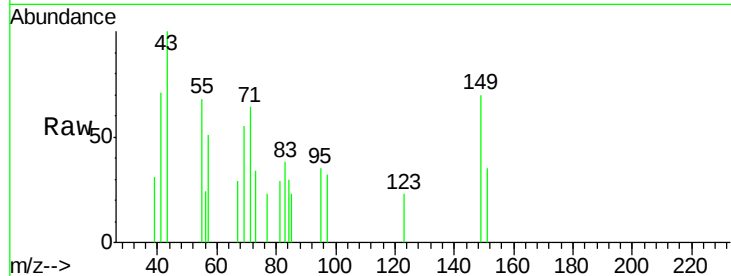




#59
Diethylphthalate
Concen: 0.08 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

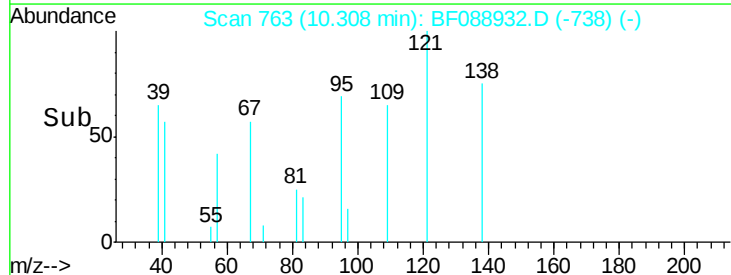
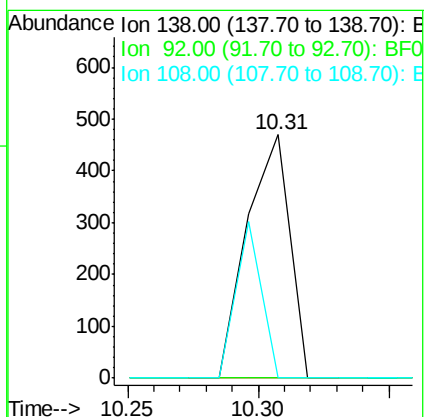
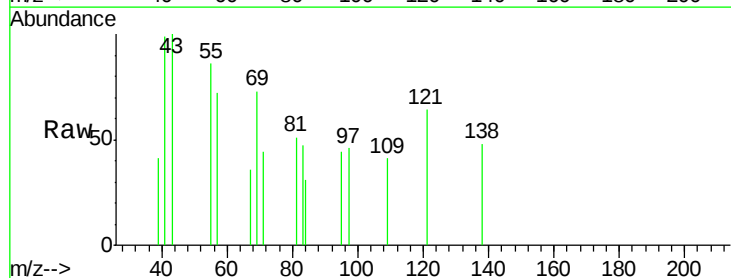
Instrument :
BNA_F
ClientSampleId :
SS-10

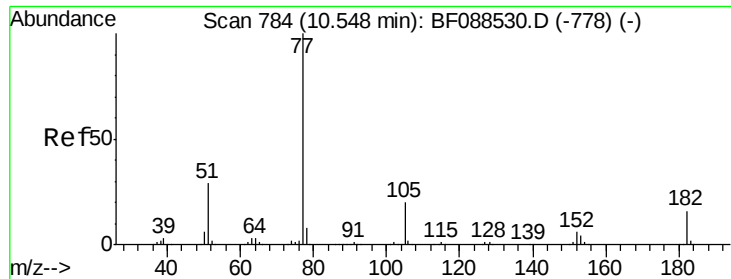
Tgt Ion:149 Resp: 638
Ion Ratio Lower Upper
149 100
177 0.0 16.9 25.3#
150 0.0 10.1 15.1#



#61
4-Nitroaniline
Concen: 0.24 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

Tgt Ion:138 Resp: 540
Ion Ratio Lower Upper
138 100
92 0.0 27.3 67.3#
108 0.0 46.7 86.7#





#62

Azobenzene

Concen: 0.05 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

Tgt Ion: 77 Resp: 433

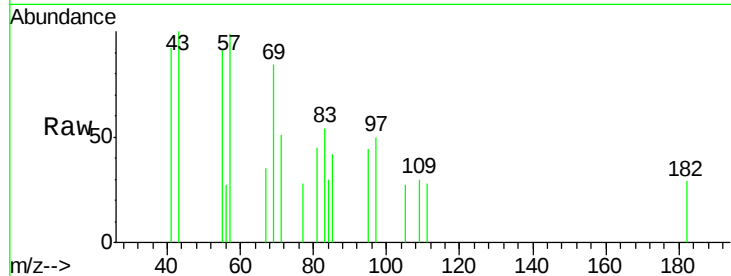
Ion Ratio Lower Upper

77 100

182 102.5 4.4 44.4#

105 94.4 3.8 43.8#

51 0.0 9.3 49.3#

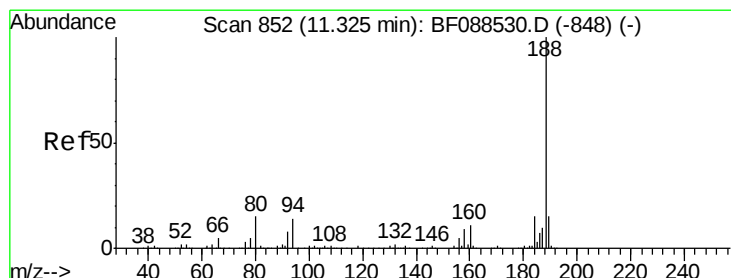
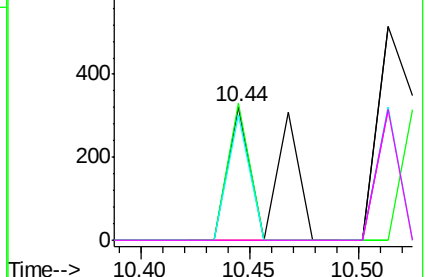
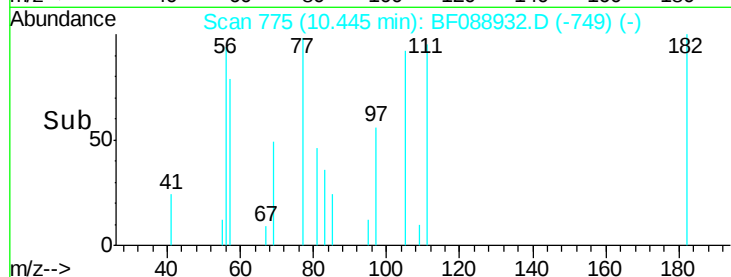


Abundance Ion 77.00 (76.70 to 77.70): BF0

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

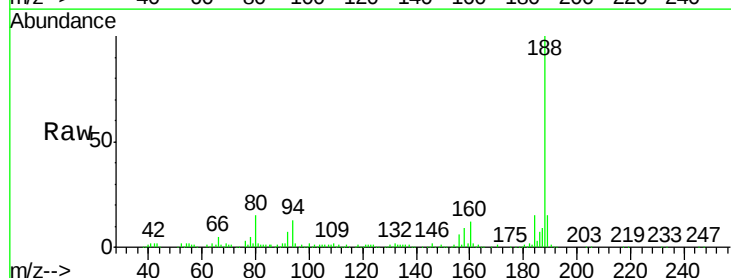
Tgt Ion: 188 Resp: 170089

Ion Ratio Lower Upper

188 100

94 12.8 9.0 13.6

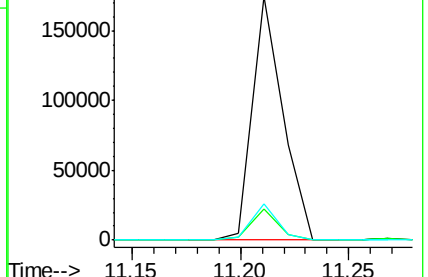
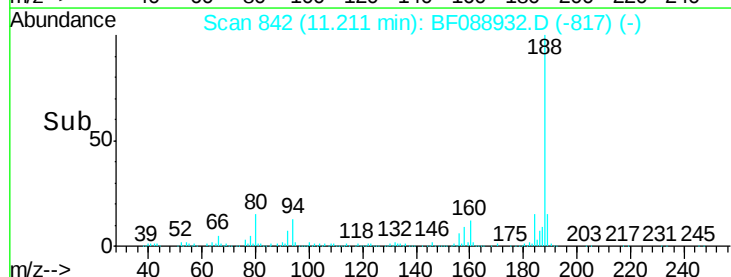
80 14.7 10.0 15.0

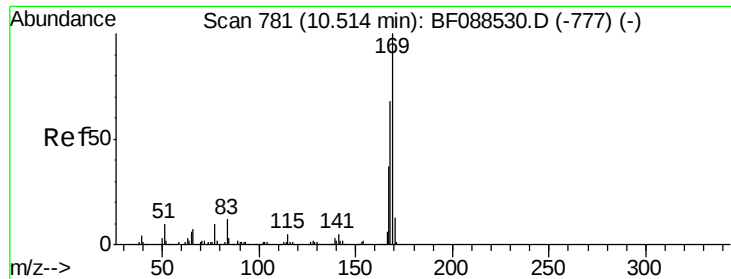


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 0.15 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.10 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

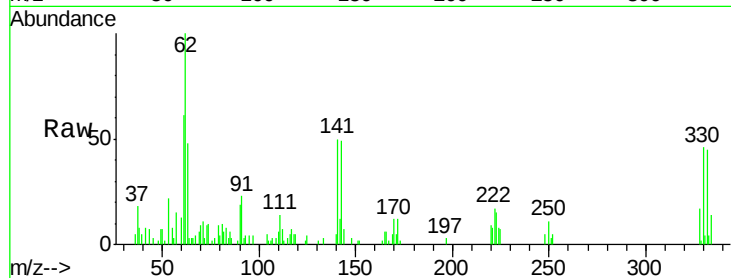
Tgt Ion:169 Resp: 879

Ion Ratio Lower Upper

169 100

168 0.0 53.4 80.0#

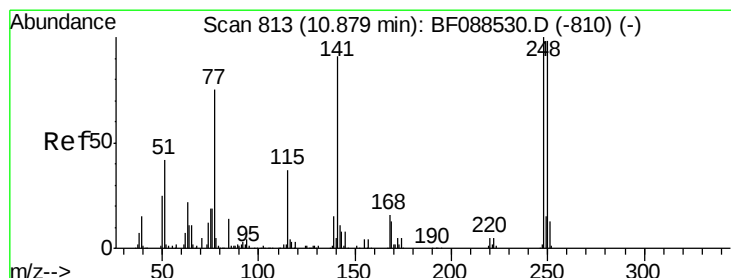
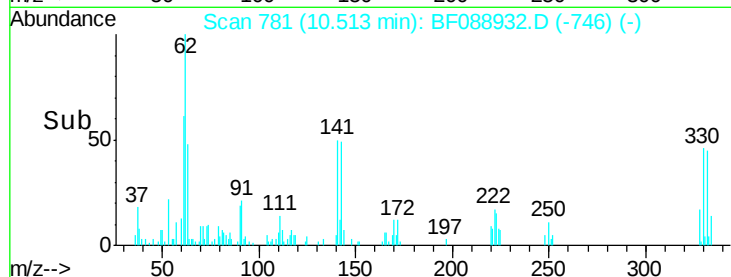
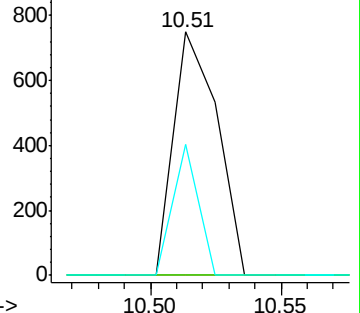
167 53.9 29.4 44.0#



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: 0.89 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

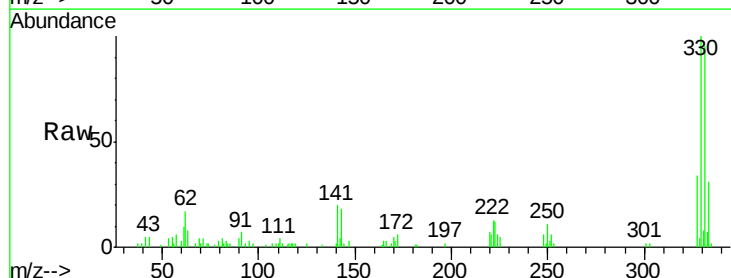
Tgt Ion:248 Resp: 1522

Ion Ratio Lower Upper

248 100

250 192.7 77.1 115.7#

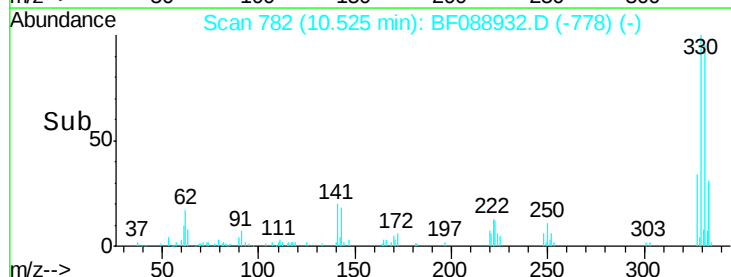
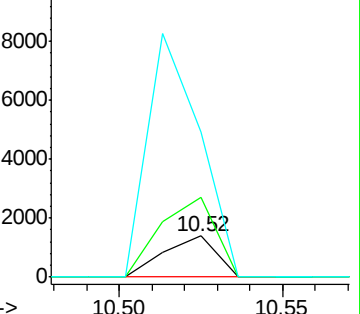
141 351.6 50.6 76.0#

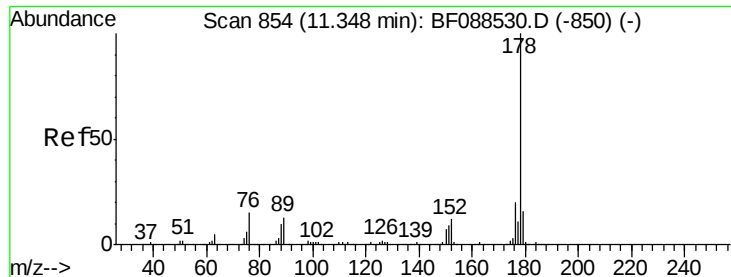


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

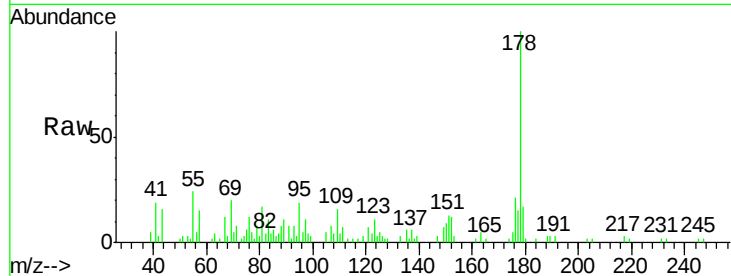




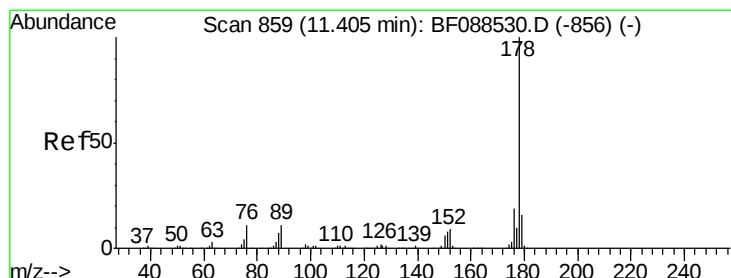
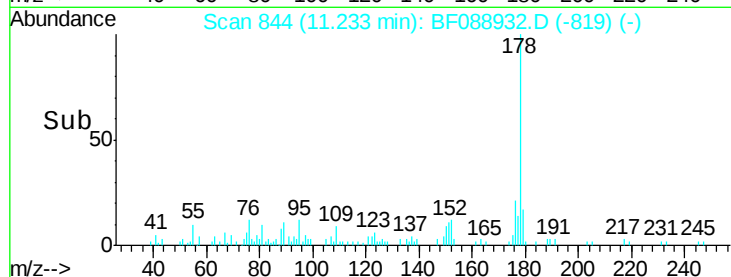
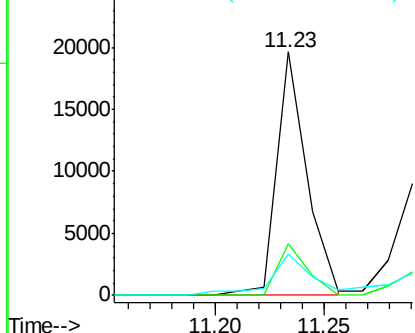
#70
Phenanthrene
Concen: 2.05 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:178 Resp: 19020
Ion Ratio Lower Upper
178 100
176 21.4 15.8 23.6
179 16.8 13.0 19.4

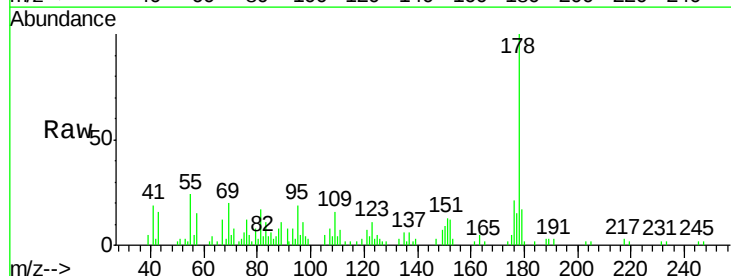


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

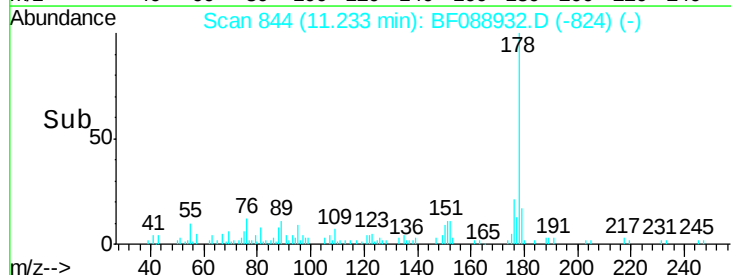
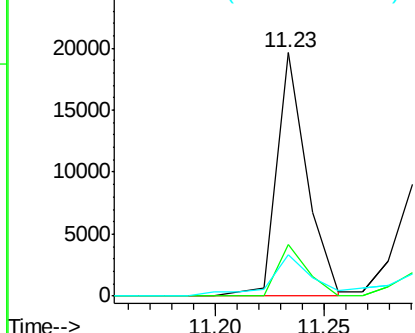


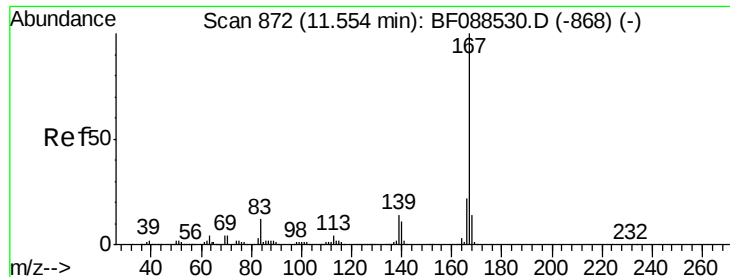
#71
Anthracene
Concen: 2.06 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.07 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

Tgt Ion:178 Resp: 19020
Ion Ratio Lower Upper
178 100
176 21.4 15.6 23.4
179 16.8 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: 0.40 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

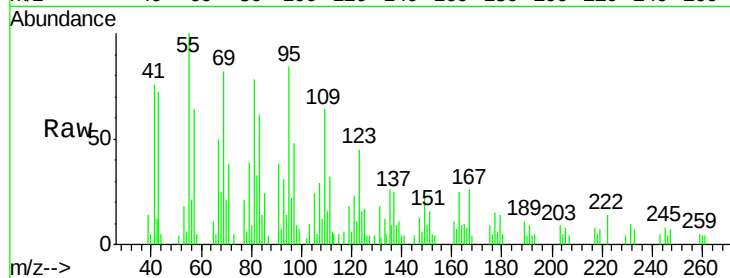
Tgt Ion:167 Resp: 3507

Ion Ratio Lower Upper

167 100

166 28.6 17.8 26.6#

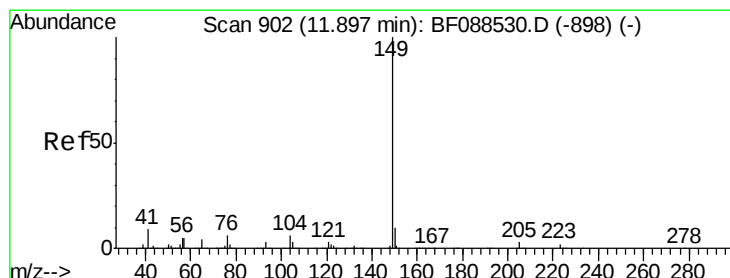
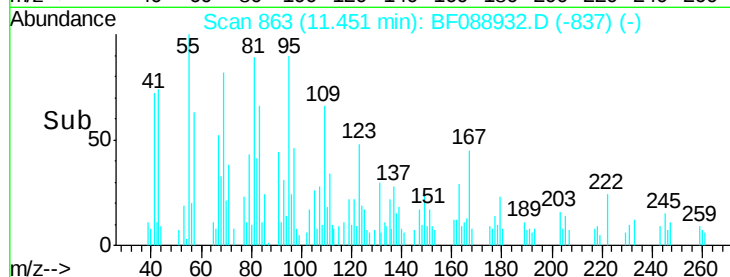
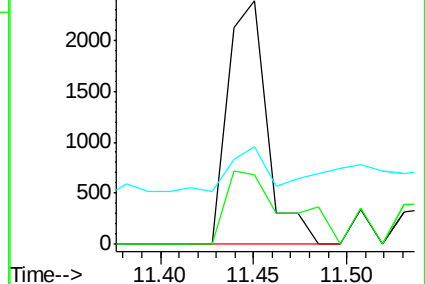
139 40.4 11.2 16.8#



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: 0.63 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

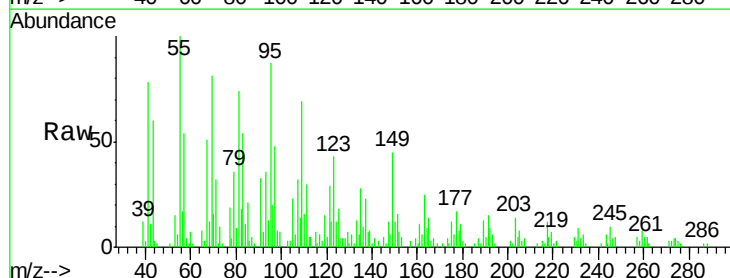
Tgt Ion:149 Resp: 6398

Ion Ratio Lower Upper

149 100

150 26.7 7.8 11.6#

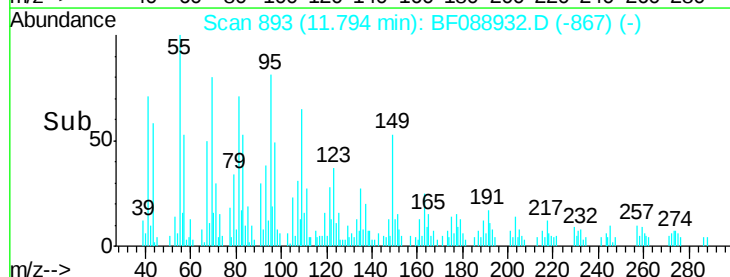
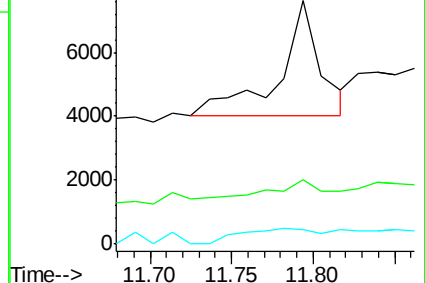
104 5.8 4.0 6.0

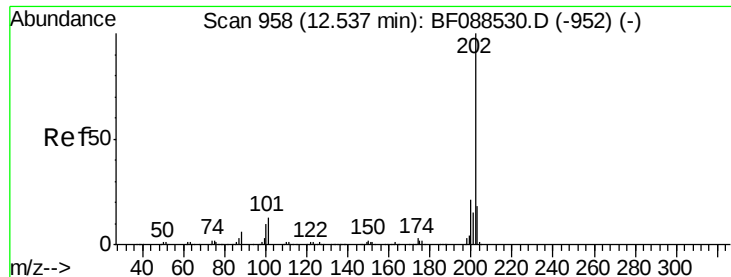


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 4.84 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

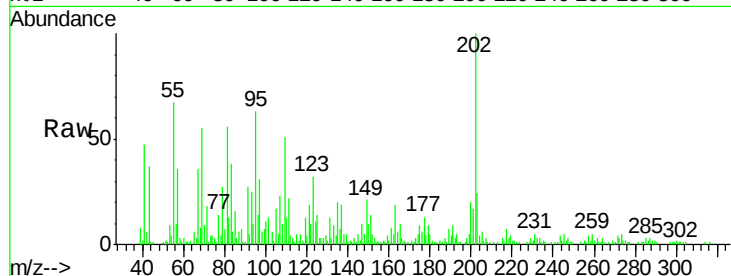
Tgt Ion:202 Resp: 45645

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.1

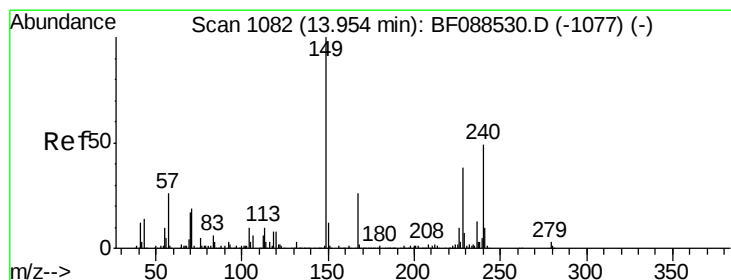
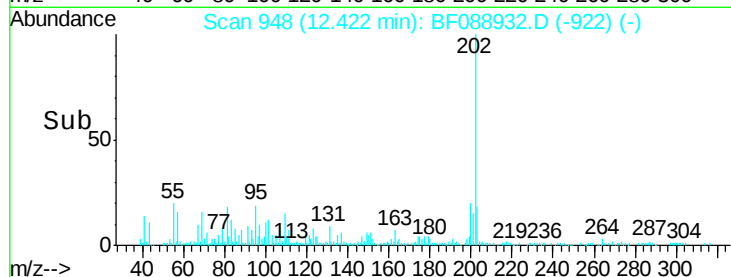
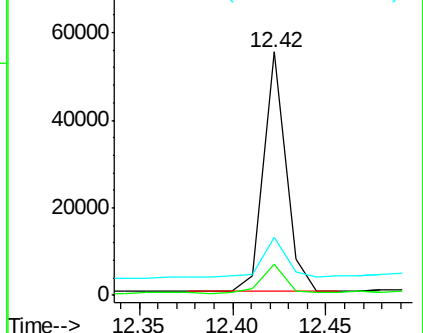
203 24.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

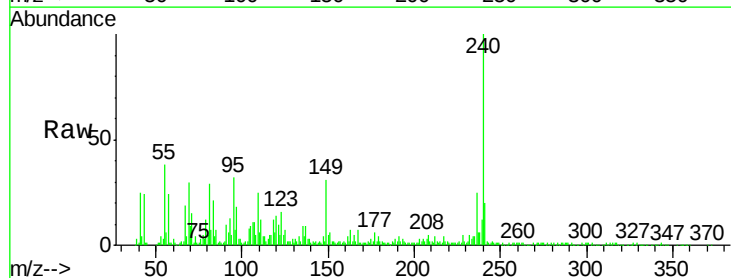
Tgt Ion:240 Resp: 152052

Ion Ratio Lower Upper

240 100

120 13.9 6.8 10.2#

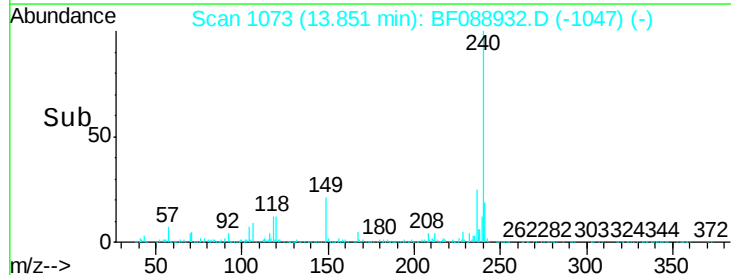
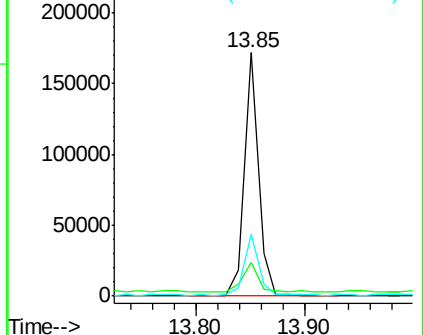
236 25.4 20.2 30.2

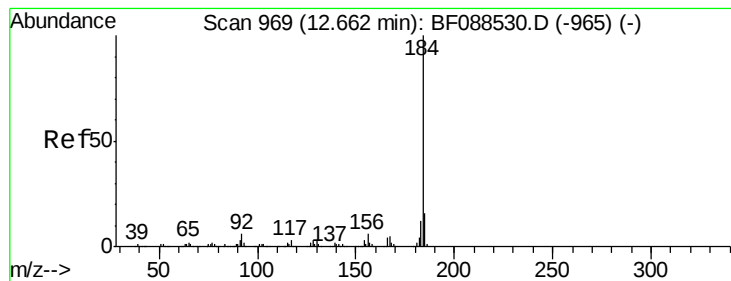


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.06 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.14 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

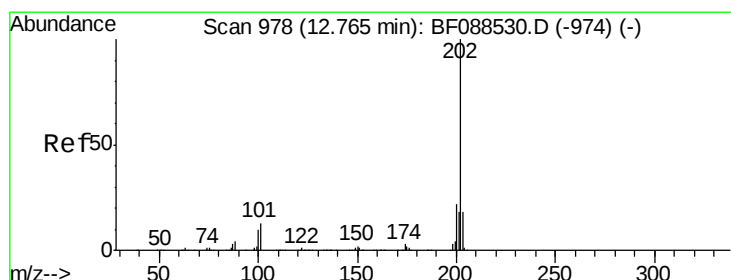
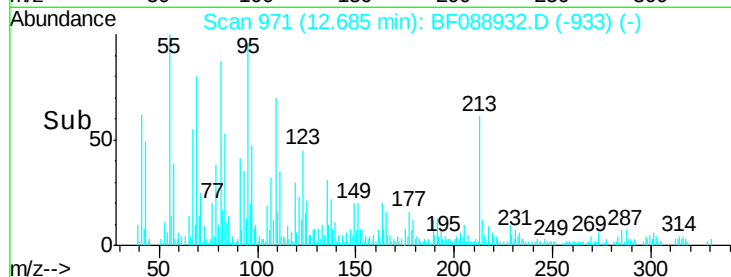
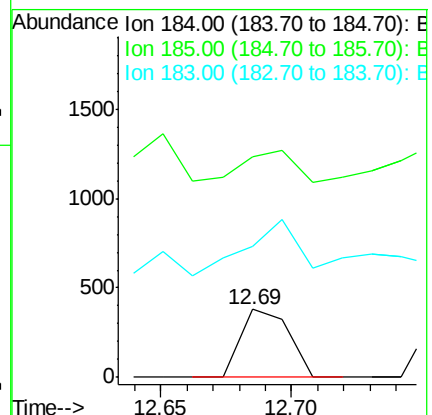
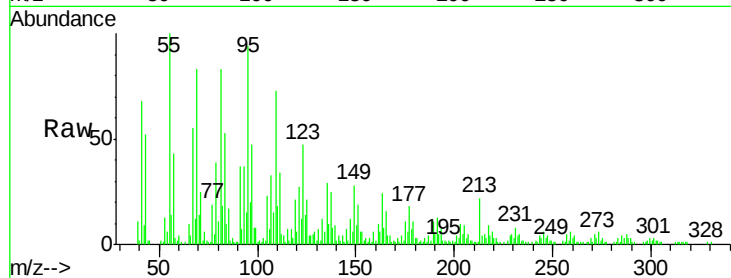
Tgt Ion:184 Resp: 481

Ion Ratio Lower Upper

184 100

185 326.1 12.5 18.7#

183 193.4 9.3 13.9#



#77

Pyrene

Concen: 3.38 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

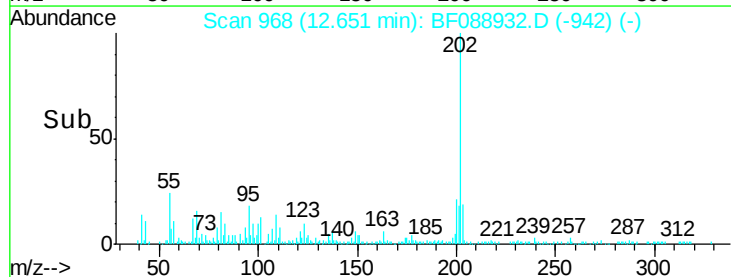
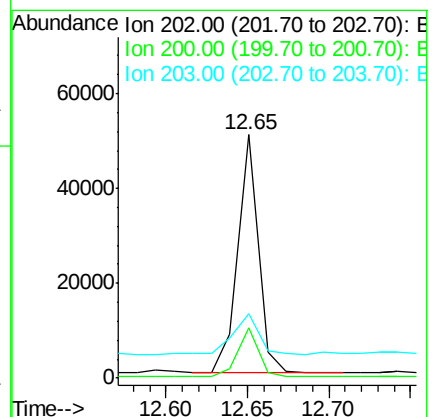
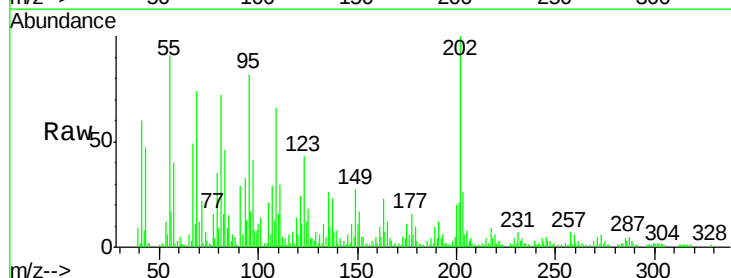
Tgt Ion:202 Resp: 43520

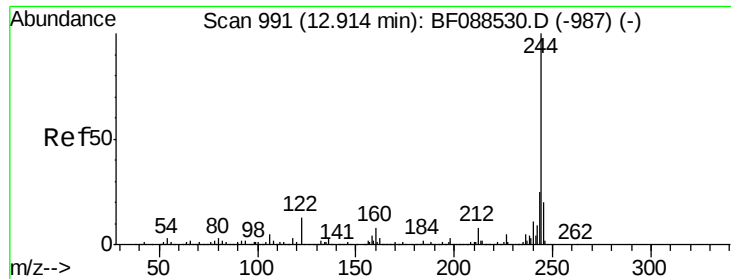
Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

203 26.4 14.5 21.7#

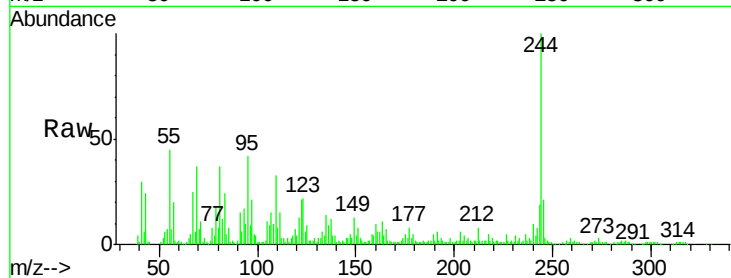




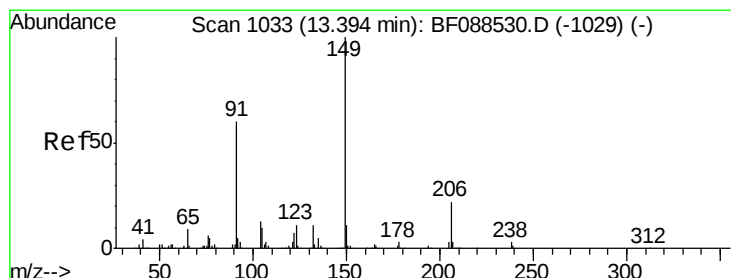
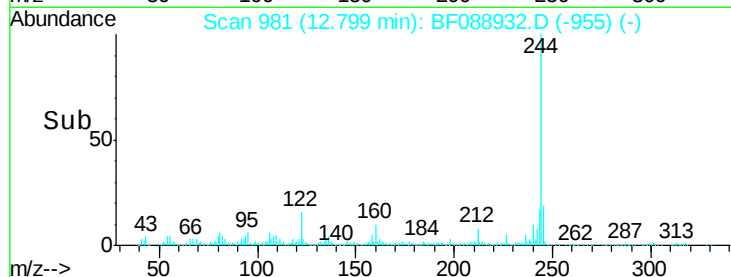
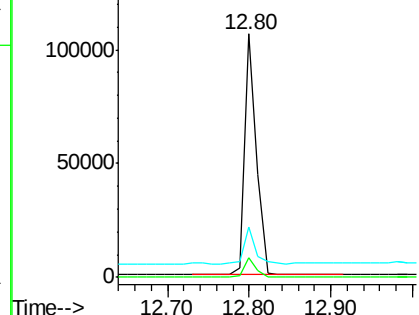
#78
 Terphenyl-d14
 Concen: 15.72 ng
 RT: 12.80 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

Instrument :
 BNA_F
 ClientSampleId :
 SS-10

Tgt Ion:244 Resp: 107297
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 20.9 11.2 16.8#

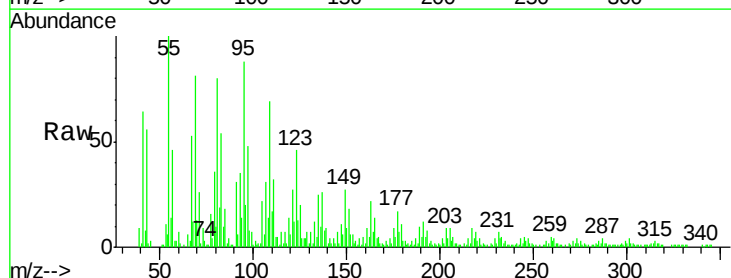


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

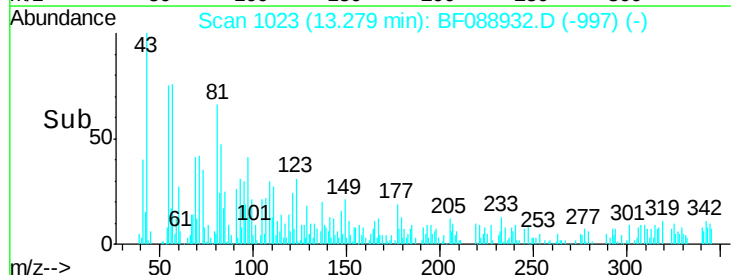
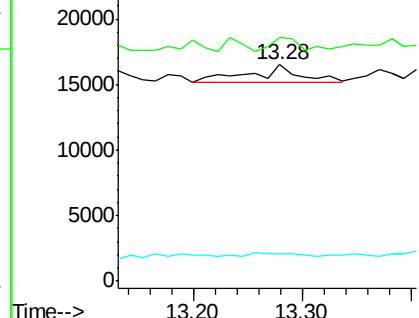


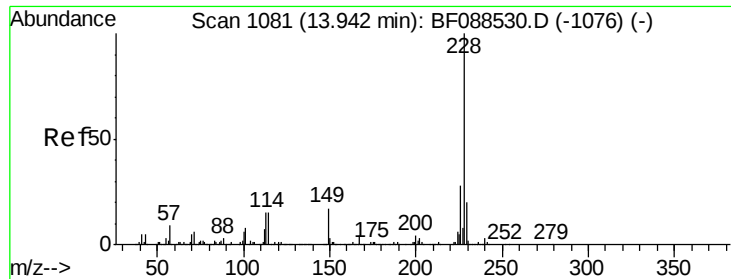
#79
 Butylbenzylphthalate
 Concen: 0.73 ng
 RT: 13.28 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF088932.D
 Acq: 12 Jul 2016 21:28

Tgt Ion:149 Resp: 4199
 Ion Ratio Lower Upper
 149 100
 91 112.5 48.0 72.0#
 206 12.8 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: 4.68 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.03 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

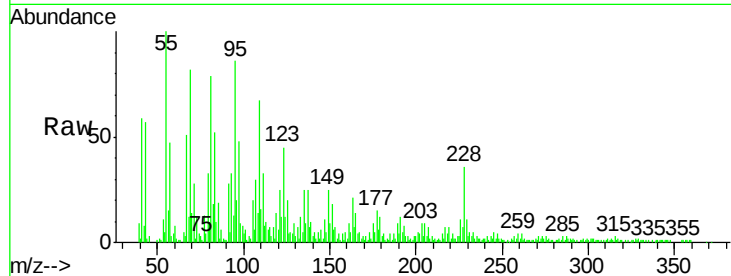
Tgt Ion:228 Resp: 45800

Ion Ratio Lower Upper

228 100

226 31.3 22.3 33.5

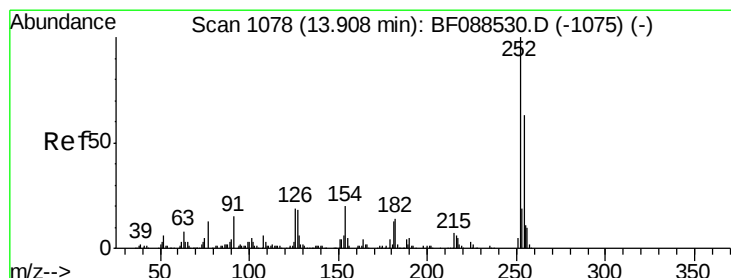
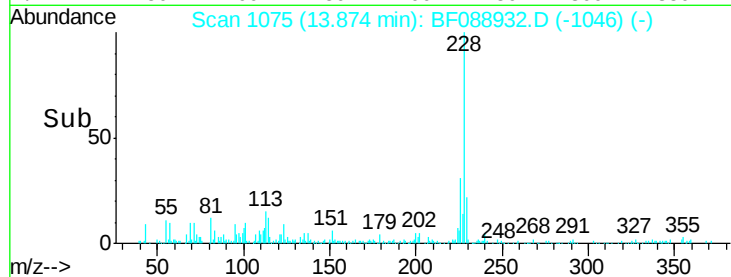
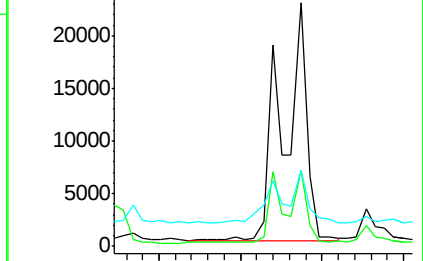
229 31.3 16.0 24.0#



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: 0.55 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.07 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

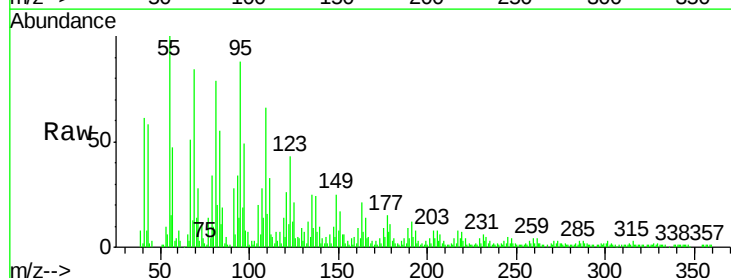
Tgt Ion:252 Resp: 2008

Ion Ratio Lower Upper

252 100

254 85.6 52.6 78.8#

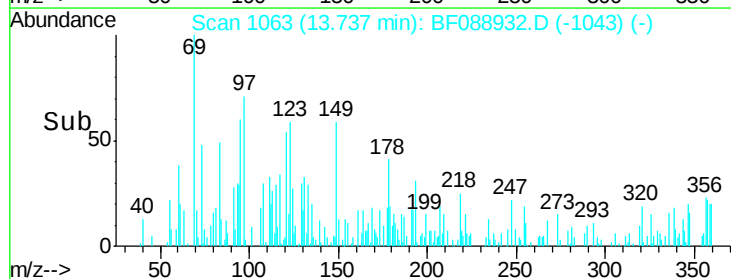
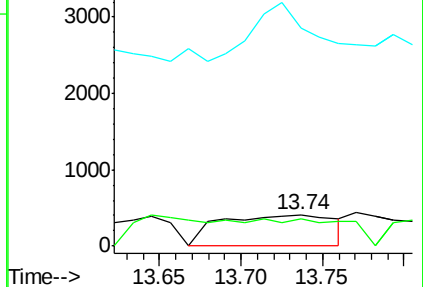
126 697.1 6.2 9.2#

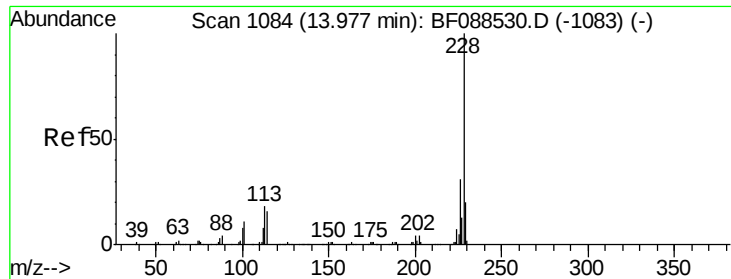


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 4.73 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

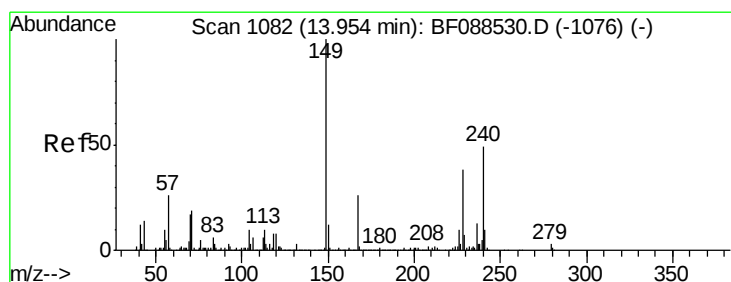
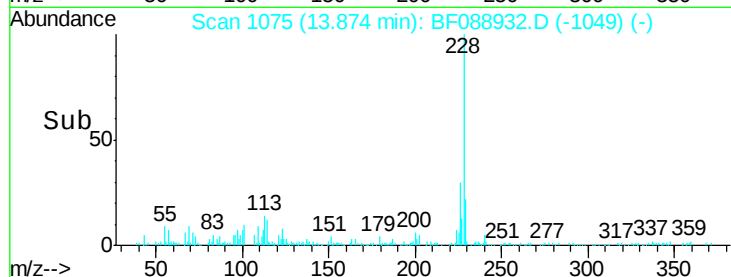
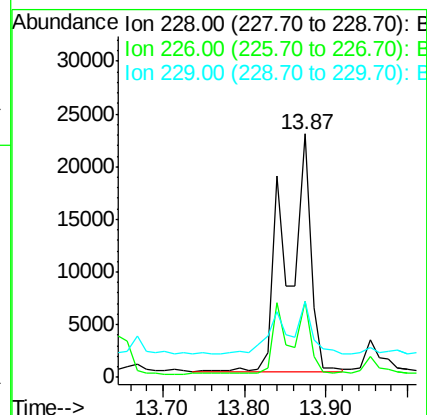
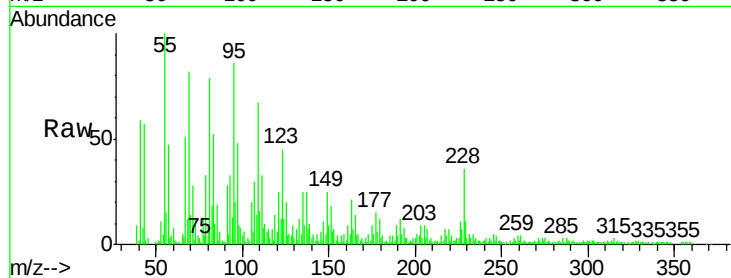
Tgt Ion:228 Resp: 45800

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.2

229 31.3 16.3 24.5#



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.04 ng

RT: 13.85 min Scan# 1073

Delta R.T. 0.01 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

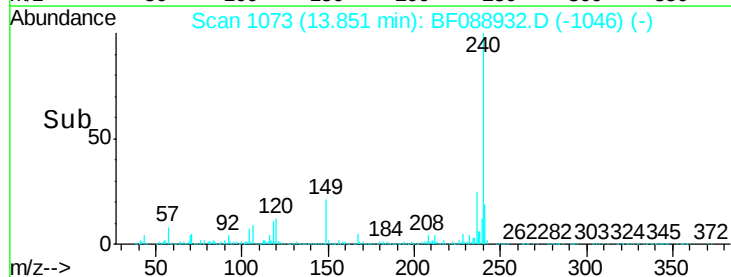
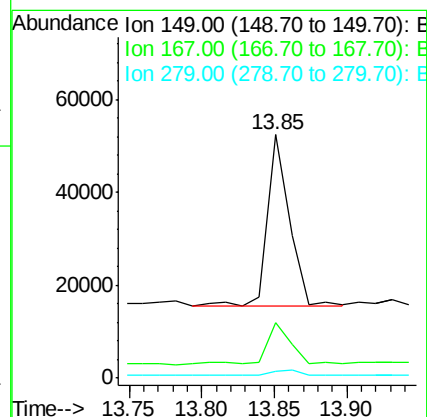
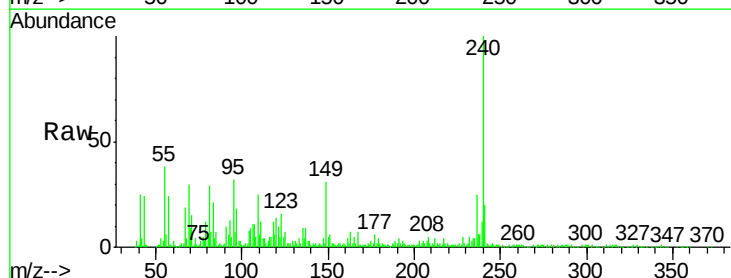
Tgt Ion:149 Resp: 39624

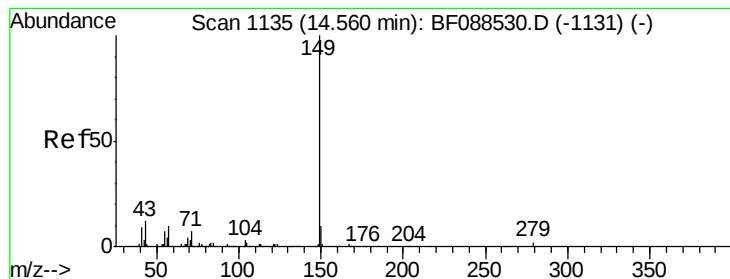
Ion Ratio Lower Upper

149 100

167 23.0 20.5 30.7

279 2.6 2.0 3.0





#84

Di-n-octyl phthalate

Concen: 0.21 ng

RT: 14.43 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

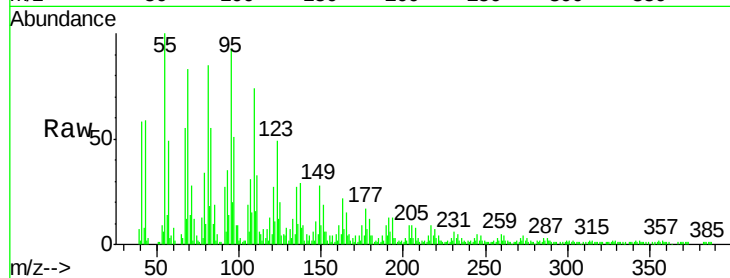
Tgt Ion:149 Resp: 2316

Ion Ratio Lower Upper

149 100

167 24.4 0.0 0.0#

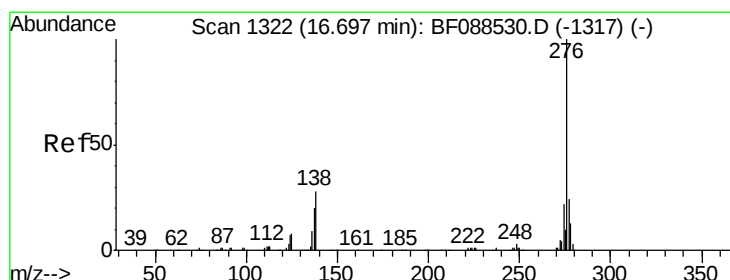
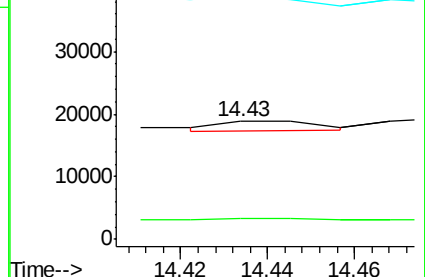
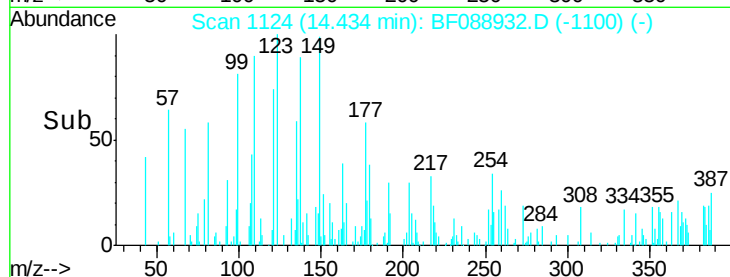
43 155.7 0.0 0.0#



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: 3.04 ng

RT: 16.53 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

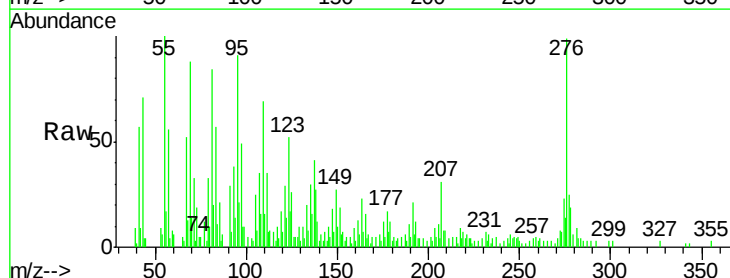
Tgt Ion:276 Resp: 22661

Ion Ratio Lower Upper

276 100

138 27.5 0.0 0.0#

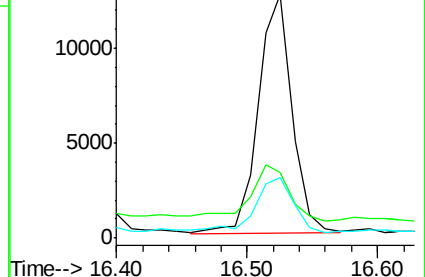
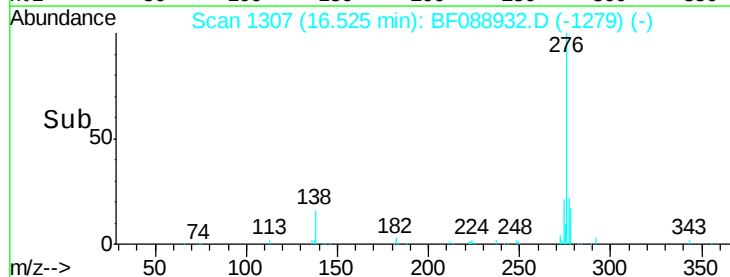
277 26.3 0.0 0.0#

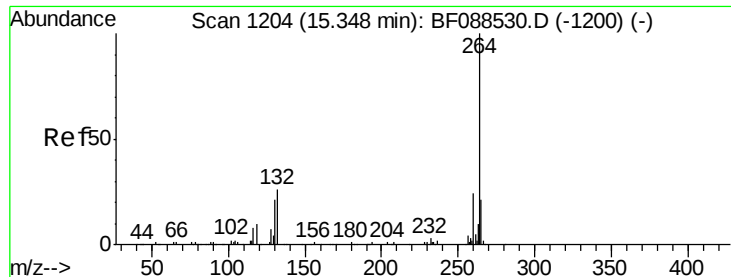


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



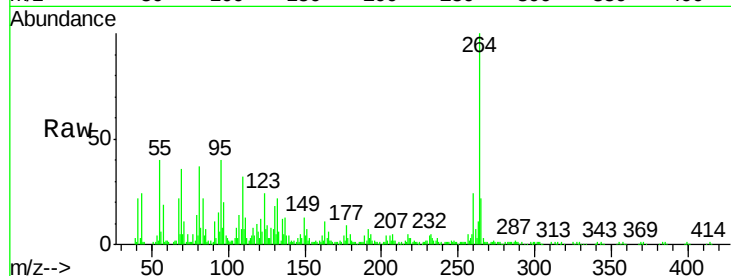


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. 0.02 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

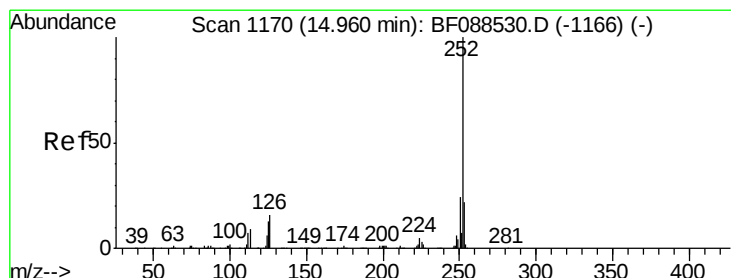
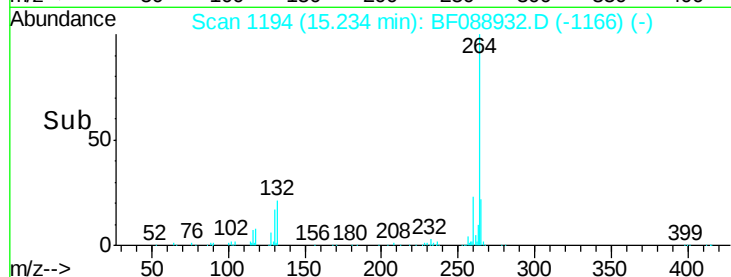
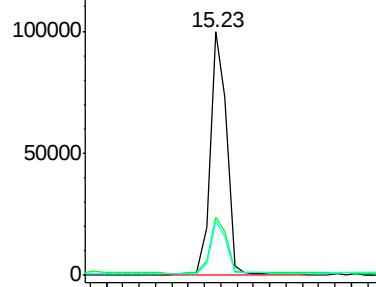
Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion: 264 Resp: 139410

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.3	16.9	25.3



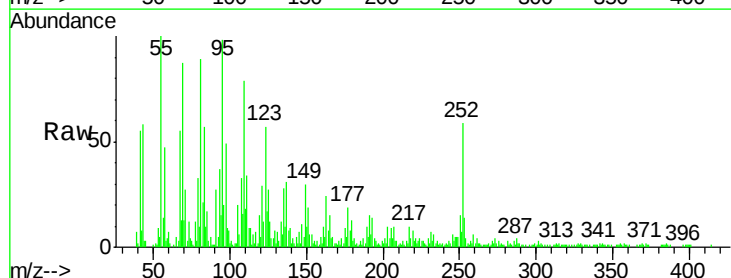
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



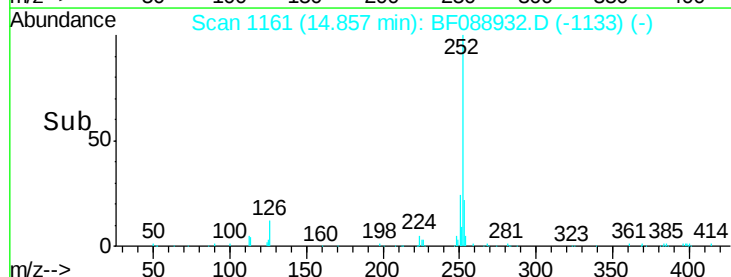
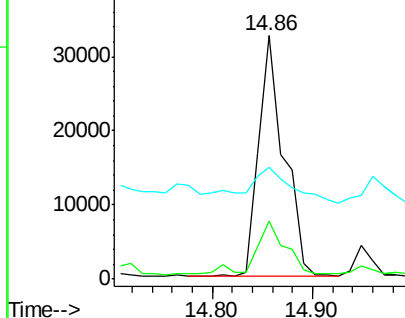
#87
Benzo(b)fluoranthene
Concen: 6.54 ng
RT: 14.86 min Scan# 1161
Delta R.T. 0.02 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

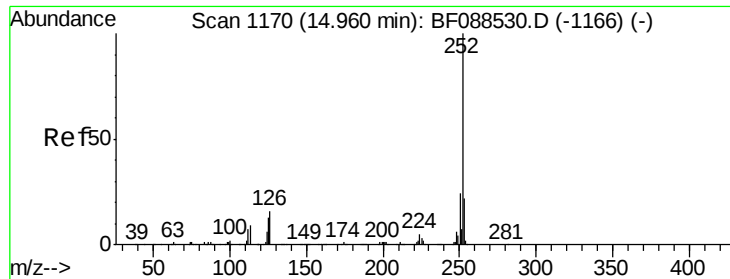
Tgt Ion: 252 Resp: 57206

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	46.1	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

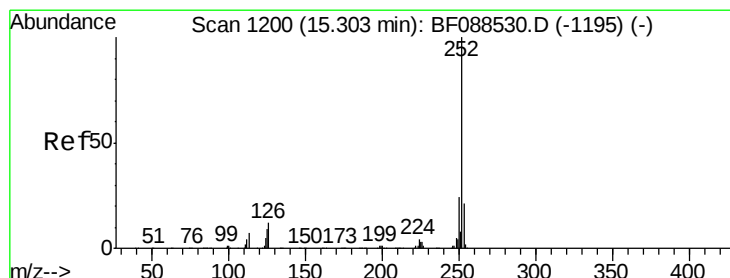
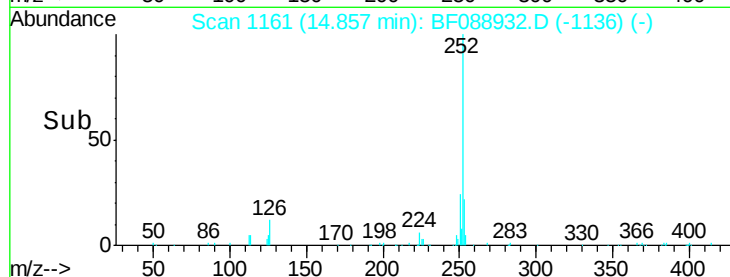
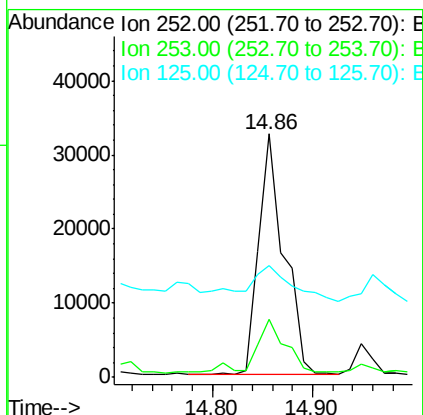
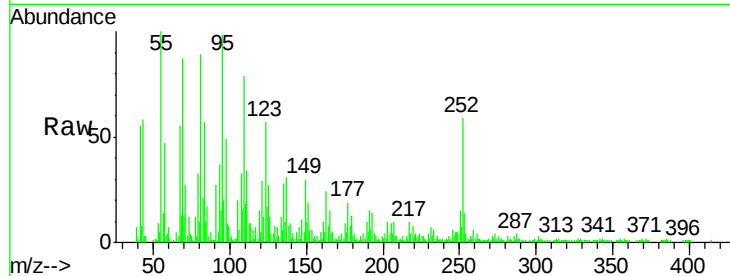




#88
Benzo(k)fluoranthene
Concen: 7.51 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

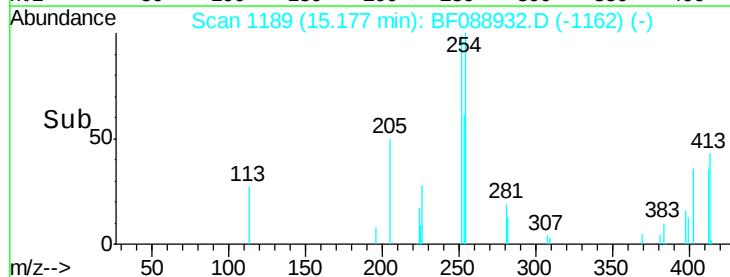
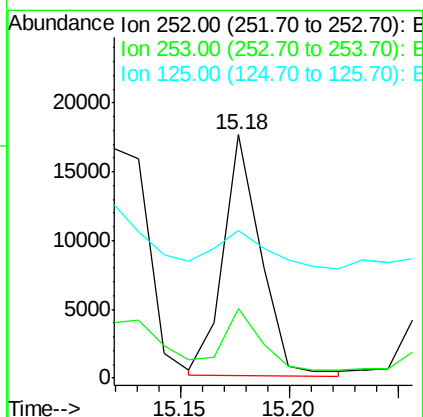
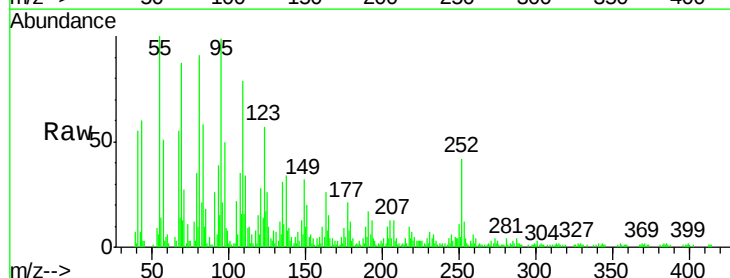
Instrument :
BNA_F
ClientSampleId :
SS-10

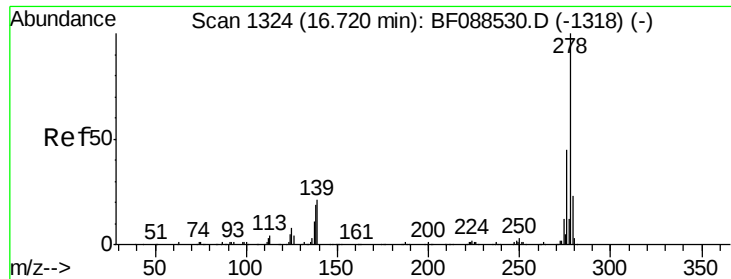
Tgt Ion: 252 Resp: 57206
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 46.1 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 2.85 ng
RT: 15.18 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BF088932.D
Acq: 12 Jul 2016 21:28

Tgt Ion: 252 Resp: 21077
Ion Ratio Lower Upper
252 100
253 28.7 17.9 26.9#
125 60.7 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 0.89 ng

RT: 16.53 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

Instrument :

BNA_F

ClientSampleId :

SS-10

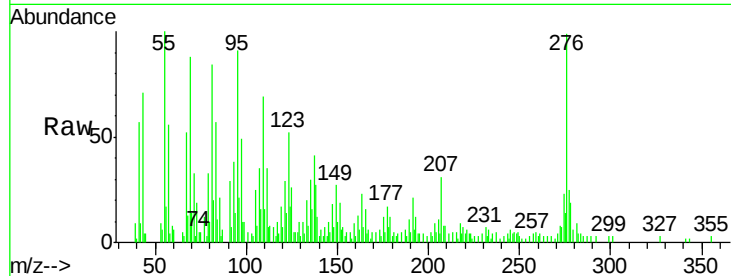
Tgt Ion: 278 Resp: 5473

Ion Ratio Lower Upper

278 100

139 64.2 15.7 23.5#

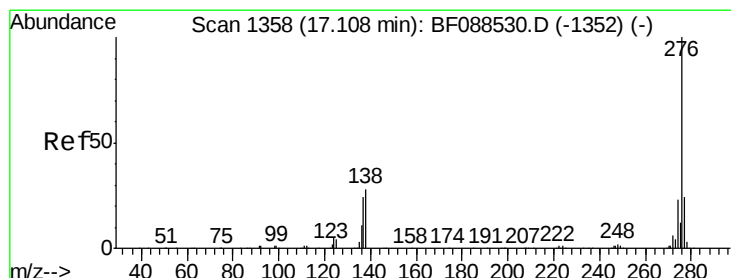
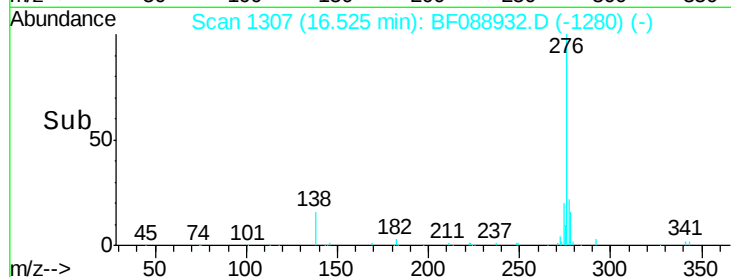
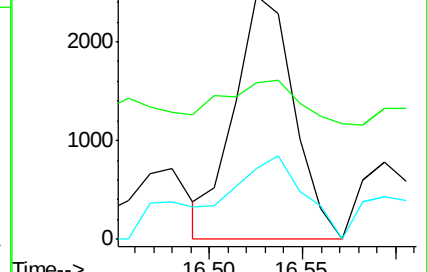
279 29.3 19.4 29.2#



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: 3.70 ng

RT: 16.90 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF088932.D

Acq: 12 Jul 2016 21:28

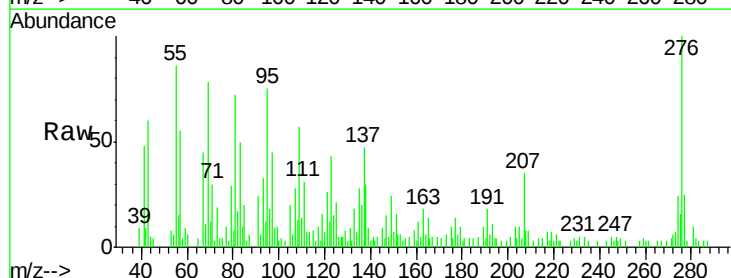
Tgt Ion: 276 Resp: 23656

Ion Ratio Lower Upper

276 100

277 24.6 18.9 28.3

138 30.4 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

