

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085122.D
 Acq On : 2 Mar 2016 16:33
 Operator : SJ/IZ
 Sample : H1620-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:42:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	180079	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	735519	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	350502	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	597078	20.00	ng	0.00
75) Chrysene-d12	14.15	240	375419	20.00	ng	0.00
86) Perylene-d12	15.64	264	414663	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	598778	53.98	ng	0.00
7) Phenol-d6	6.61	99	519497	35.73	ng	0.00
23) Nitrobenzene-d5	7.56	82	1182740	85.55	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	541486	153.73	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1862471	78.26	ng	0.00
78) Terphenyl-d14	13.10	244	1492806	93.28	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.76	88	723	0.13	ng	# 82
4) n-Nitrosodimethylamine	3.33	42	206	0.03	ng	# 1
6) Aniline	6.76	93	1676	0.08	ng	# 1
8) 2-Chlorophenol	6.77	128	853	0.07	ng	# 1
9) Benzaldehyde	6.76	77	25139	1.26	ng	# 80
10) Phenol	6.62	94	2186	0.13	ng	# 75
11) bis(2-Chloroethyl)ether	6.76	93	1676	0.13	ng	# 1
15) Benzyl Alcohol	7.14	79	18074	1.71	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	7.30	45	209	0.01	ng	# 67
17) 2-Methylphenol	7.16	107	206	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.56	70	165246	17.24	ng	# 79
20) 3+4-Methylphenols	7.16	107	206	0.02	ng	# 1
22) Acetophenone	7.40	105	379	0.02	ng	# 50
24) Nitrobenzene	7.56	77	3816	0.27	ng	# 39
27) 2,4-Dimethylphenol	7.96	122	367	0.03	ng	# 6
30) 1,2,4-Trichlorobenzene	8.22	180	337	0.03	ng	# 73
31) Naphthalene	8.30	128	279	0.01	ng	# 67
32) Benzoic acid	7.96	122	367	12.44	ng	# 94
33) 4-Chloroaniline	8.38	127	470	0.03	ng	# 1
35) Caprolactam	8.68	113	304	0.09	ng	# 52
36) 4-Chloro-3-methylphenol	8.84	107	350	0.03	ng	# 23
45) 1,1'-Biphenyl	9.35	154	4077	0.13	ng	# 1
46) 2-Chloronaphthalene	9.43	162	215	0.01	ng	# 1
47) 2-Nitroaniline	9.56	65	213	0.03	ng	# 1
48) Acenaphthylene	9.89	152	218	0.01	ng	# 58
49) Dimethylphthalate	9.74	163	238271	9.17	ng	# 99
50) 2,6-Dinitrotoluene	9.74	165	3686	0.68	ng	# 4
51) Acenaphthene	10.04	154	2142	0.10	ng	# 4
52) 3-Nitroaniline	10.13	138	460	0.07	ng	# 1
54) Dibenzofuran	10.37	168	207	0.01	ng	# 1
55) 4-Nitrophenol	10.13	139	2076	0.42	ng	# 1
56) 2,4-Dinitrotoluene	10.04	165	44916	6.19	ng	# 19
57) Fluorene	10.58	166	903	0.04	ng	# 72
59) Diethylphthalate	10.45	149	6462	0.26	ng	# 96

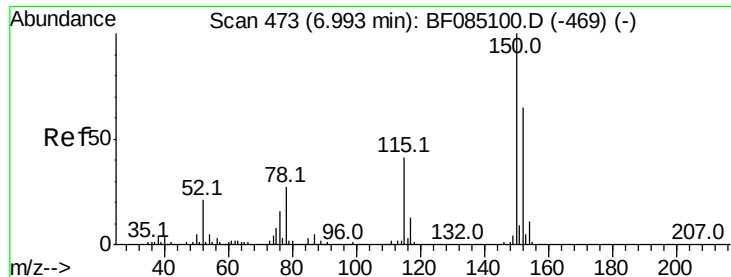
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Nitroaniline	10.57	138	787	0.13	ng	# 24
62) Azobenzene	10.74	77	1648	0.07	ng	# 27
64) 4,6-Dinitro-2-methylphenol	10.82	198	1296	7.51	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	953	0.05	ng	# 9
66) 4-Bromophenyl-phenylether	10.82	248	35372	5.64	ng	# 1
68) Atrazine	11.18	200	272	0.05	ng	# 1
70) Phenanthrene	11.54	178	1519	0.05	ng	# 24
71) Anthracene	11.59	178	1135	0.03	ng	# 40
72) Carbazole	11.76	167	1096	0.04	ng	# 1
73) Di-n-butylphthalate	12.07	149	15350	0.44	ng	# 84
74) Fluoranthene	12.72	202	542	0.02	ng	# 1
76) Benzidine	12.95	184	515	0.05	ng	# 1
77) Pyrene	12.96	202	1169	0.05	ng	# 20
79) Butylbenzylphthalate	13.58	149	1192	0.11	ng	# 1
80) Benzo(a)anthracene	14.15	228	1513	0.07	ng	# 32
81) 3,3'-Dichlorobenzidine	14.12	252	222	0.03	ng	# 6
82) Chrysene	14.15	228	1513	0.08	ng	# 40
83) Bis(2-ethylhexyl)phthalate	14.13	149	1350	0.11	ng	# 43
84) Di-n-octyl phthalate	14.78	149	6107	0.33	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.09	276	415	0.02	ng	# 49
87) Benzo(b)fluoranthene	15.17	252	206	0.01	ng	# 1
88) Benzo(k)fluoranthene	15.17	252	206	0.01	ng	# 1
89) Benzo(a)pyrene	15.57	252	209	0.01	ng	# 1
90) Dibenzo(a,h)anthracene	17.12	278	481	0.03	ng	# 1
91) Benzo(g,h,i)perylene	17.56	276	2999	0.15	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

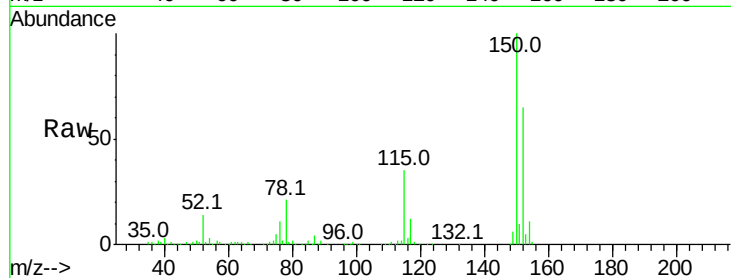
Tot Ion:152 Resp: 180079

Ion Ratio Lower Upper

152 100

150 154.1 123.4 185.0

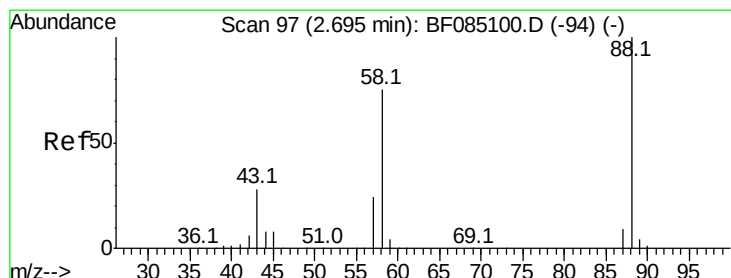
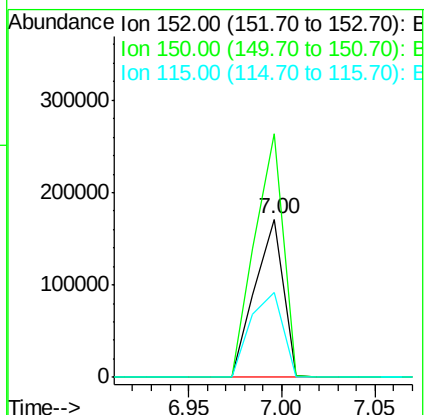
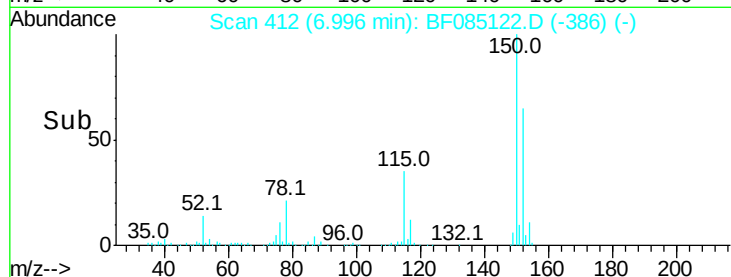
115 54.1 50.0 75.0



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



#2

1,4-Dioxane

Concen: 0.13 ng

RT: 2.76 min Scan# 41

Delta R.T. 0.06 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

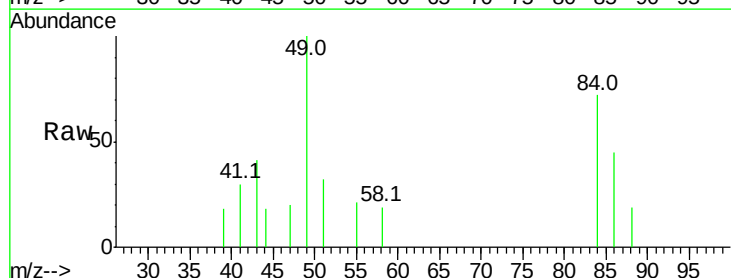
Tgt Ion: 88 Resp: 723

Ion Ratio Lower Upper

88 100

58 69.6 58.4 87.6

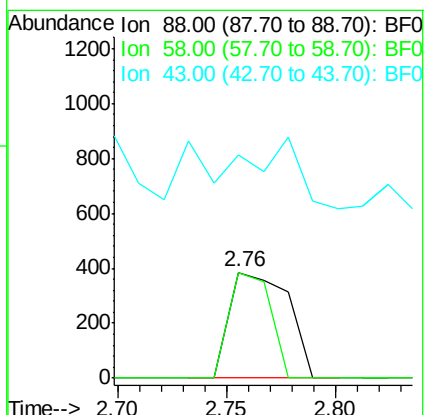
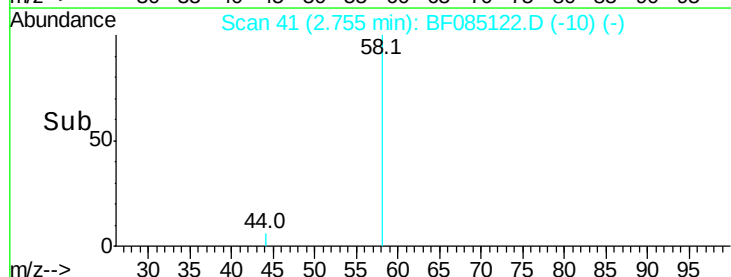
43 0.0 22.2 33.4#

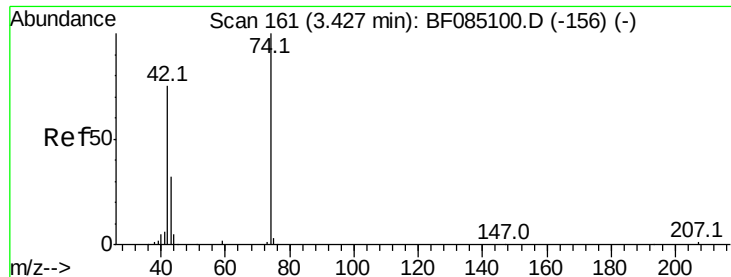


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.33 min Scan# 91

Delta R.T. -0.10 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

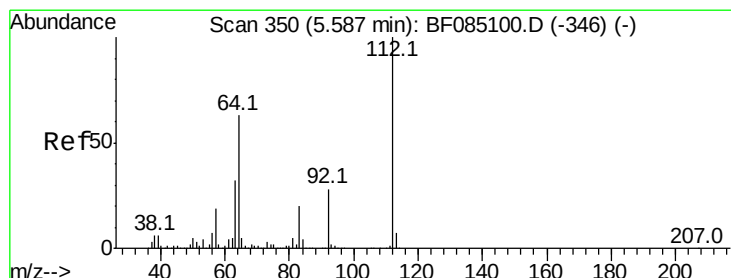
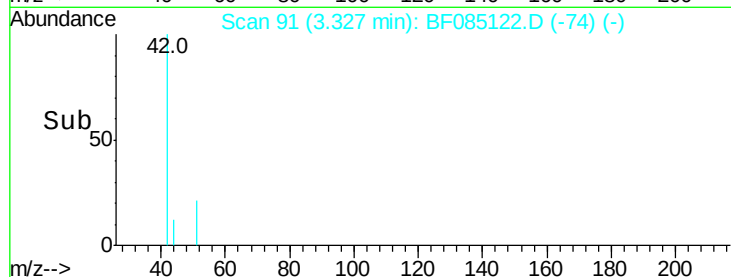
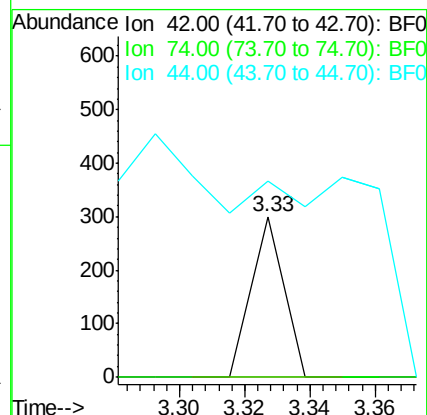
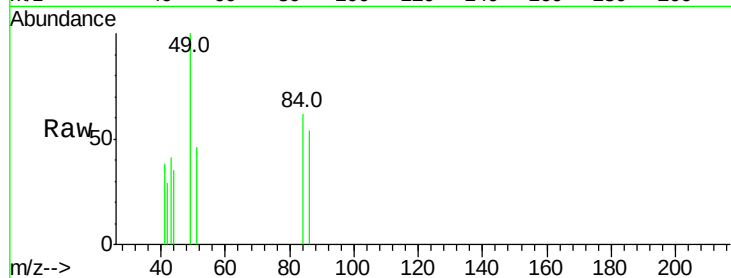
Tot Ion: 42 Resp: 206

Ion Ratio Lower Upper

42 100

74 0.0 106.6 160.0#

44 122.3 5.4 8.2#



#5

2-Fluorophenol

Concen: 53.98 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

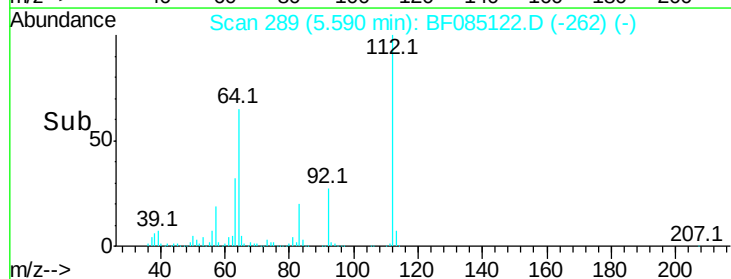
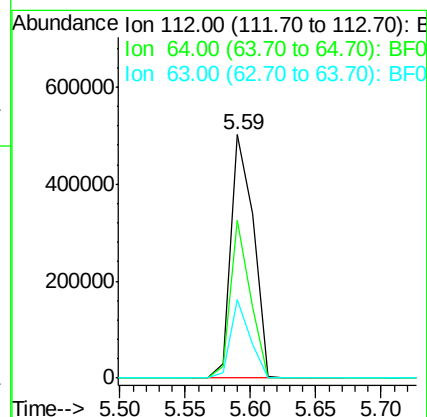
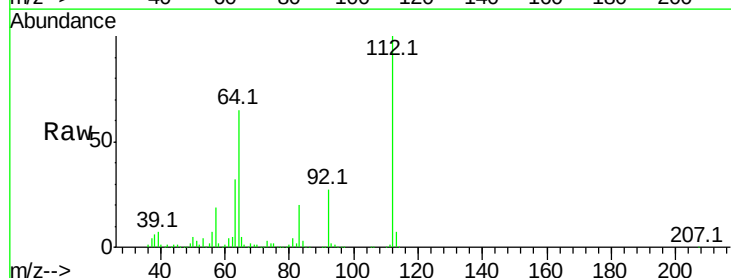
Tgt Ion: 112 Resp: 598778

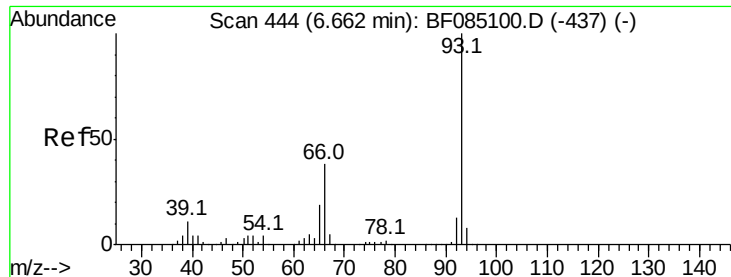
Ion Ratio Lower Upper

112 100

64 64.7 50.6 76.0

63 32.5 25.5 38.3





#6

Aniline

Concen: 0.08 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.09 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

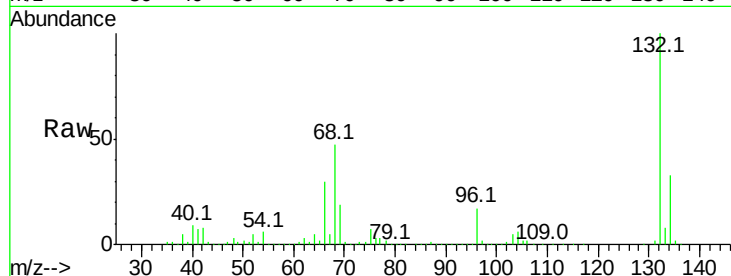
Tot Ion: 93 Resp: 1676

Ion Ratio Lower Upper

93 100

66 19483.3 30.1 45.1#

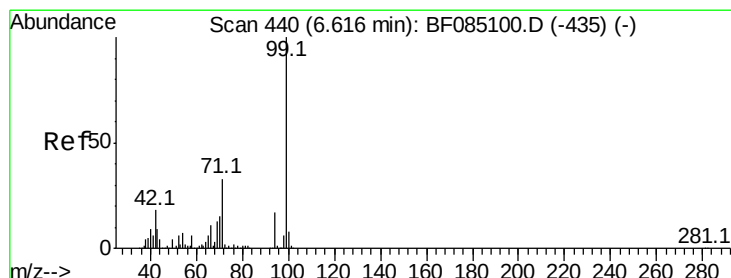
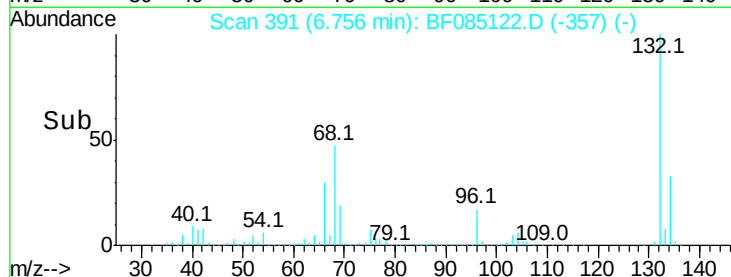
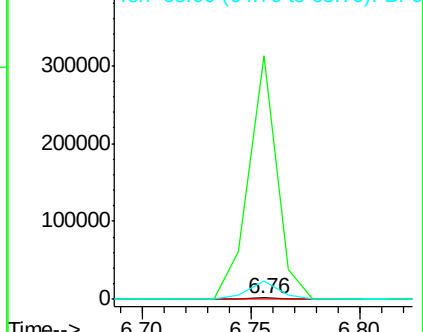
65 1488.3 15.0 22.6#



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: 35.73 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

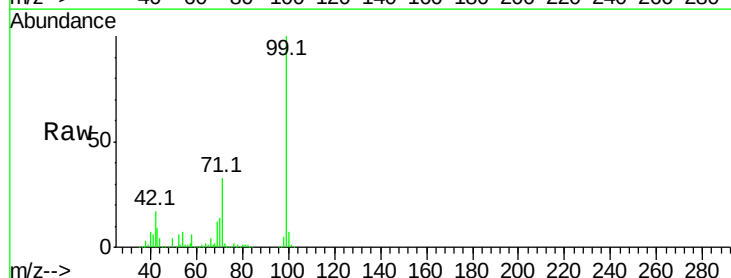
Tgt Ion: 99 Resp: 519497

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

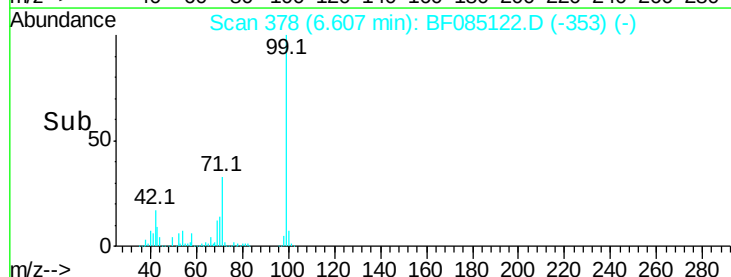
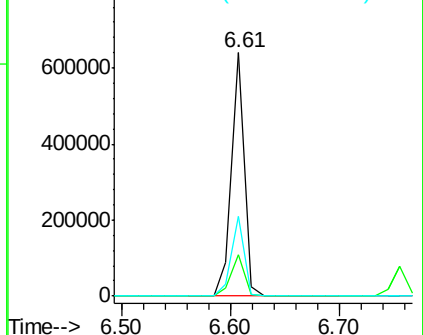
71 32.6 26.8 40.2

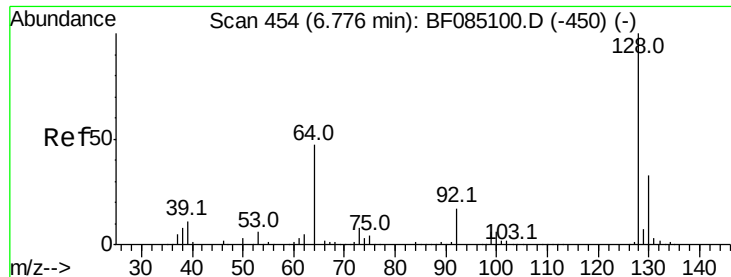


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.07 ng

RT: 6.77 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

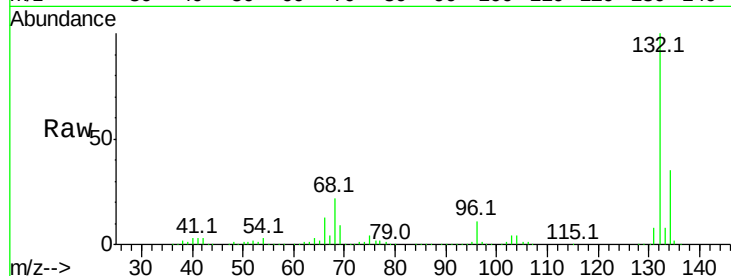
Tot Ion:128 Resp: 853

Ion Ratio Lower Upper

128 100

130 95.2 13.1 53.1#

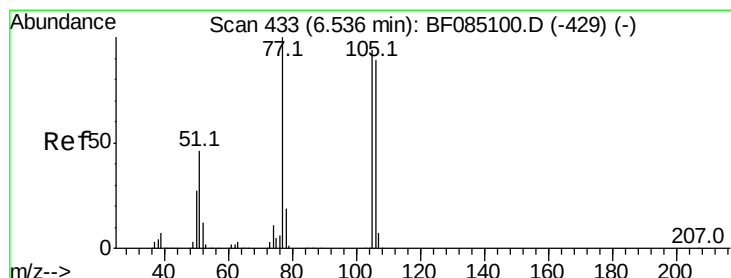
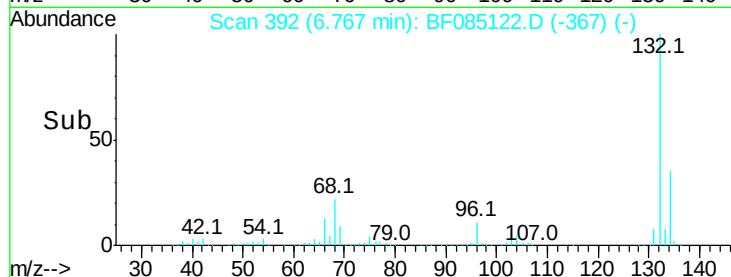
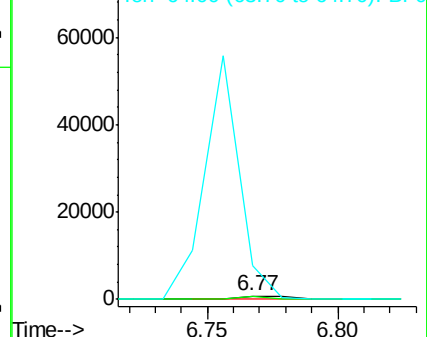
64 1114.6 29.6 69.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 1.26 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.22 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

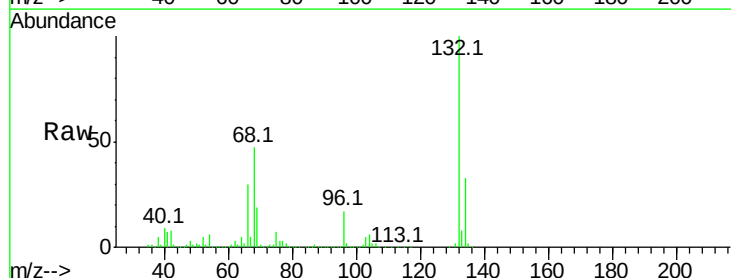
Tgt Ion: 77 Resp: 25139

Ion Ratio Lower Upper

77 100

105 76.3 73.7 113.7

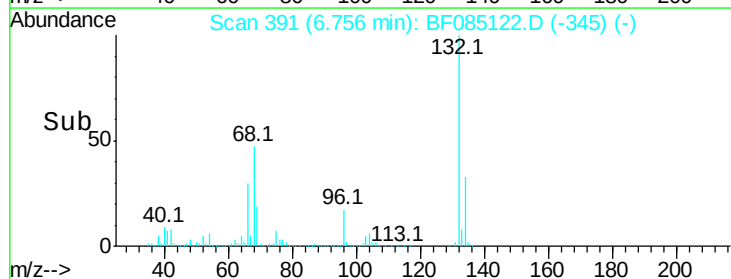
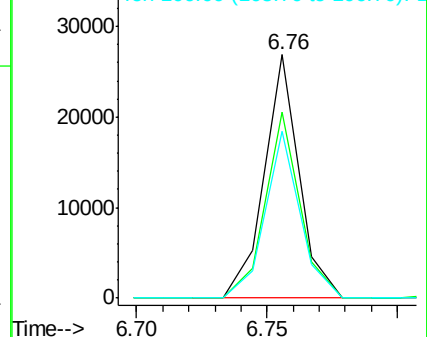
106 68.4 69.2 109.2#

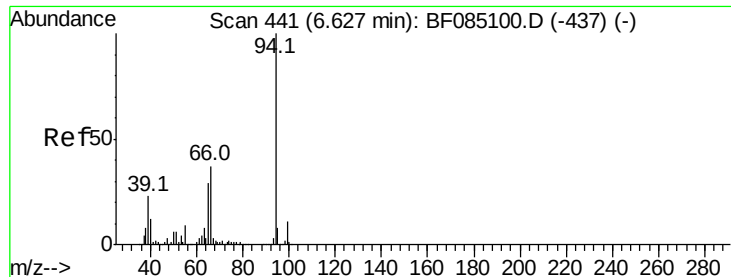


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.13 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

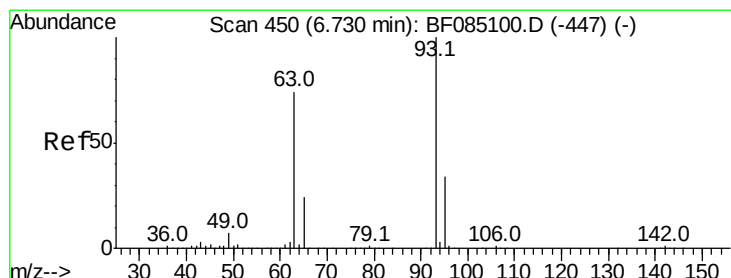
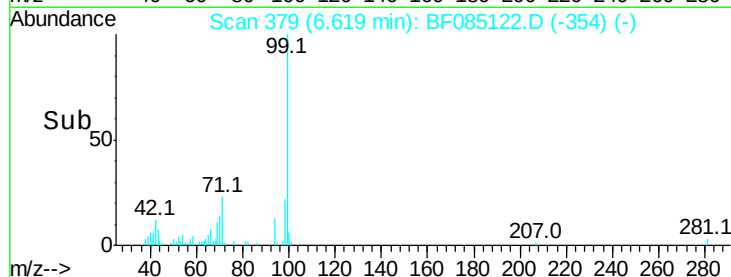
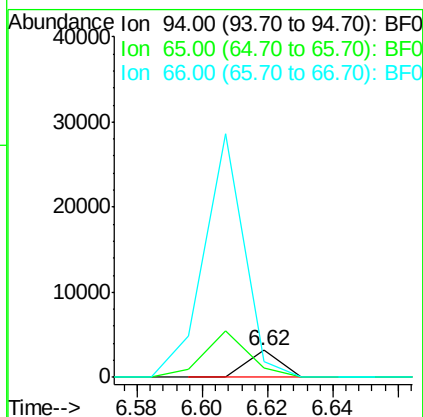
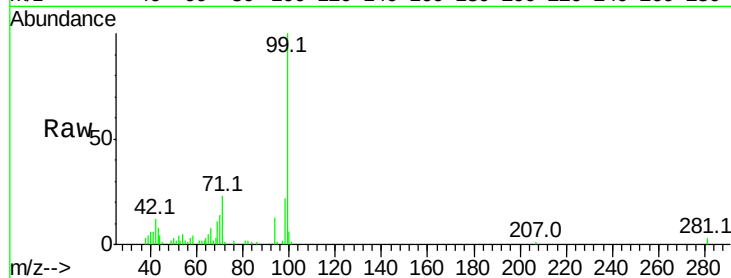
Tot Ion: 94 Resp: 2186

Ion Ratio Lower Upper

94 100

65 35.0 9.1 49.1

66 59.0 17.5 57.5#



#11

bis(2-Chloroethyl)ether

Concen: 0.13 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.03 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

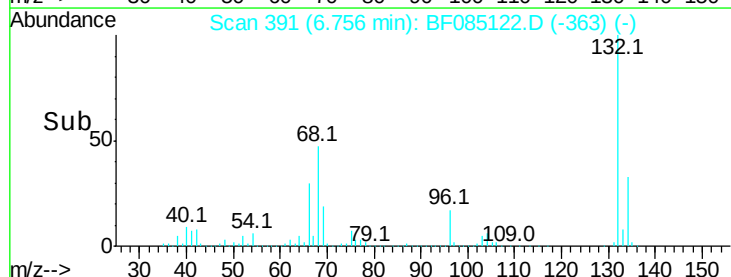
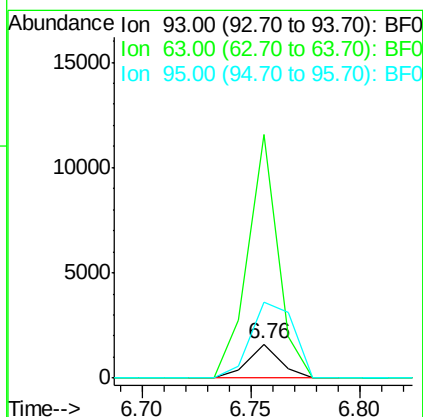
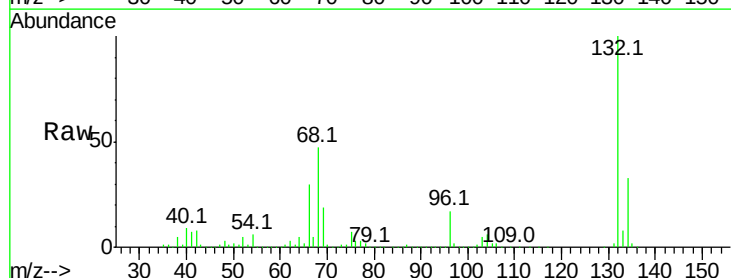
Tgt Ion: 93 Resp: 1676

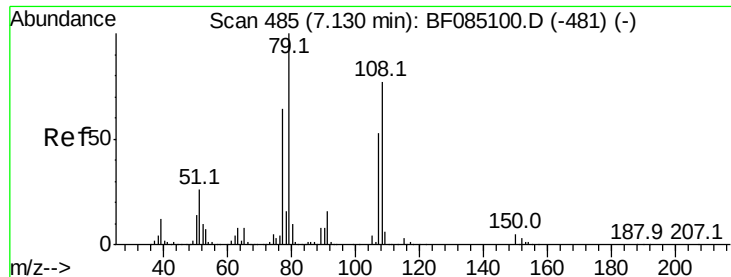
Ion Ratio Lower Upper

93 100

63 720.8 53.9 93.9#

95 224.3 13.8 53.8#





#15

Benzyl Alcohol

Concen: 1.71 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampled :

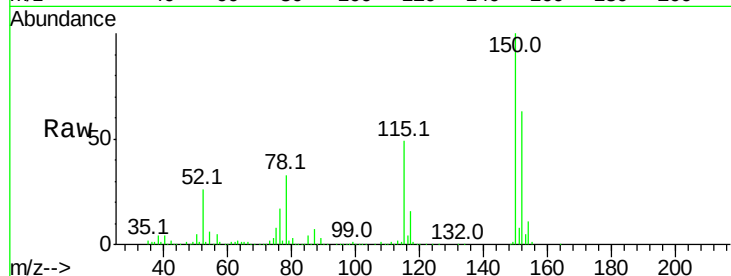
Tot Ion: 79 Resp: 18074

Ion Ratio Lower Upper

79 100

108 29.1 61.8 92.6#

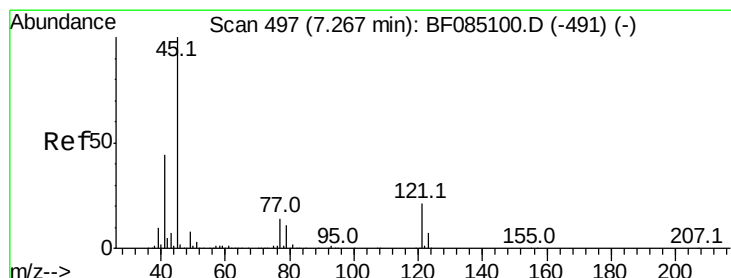
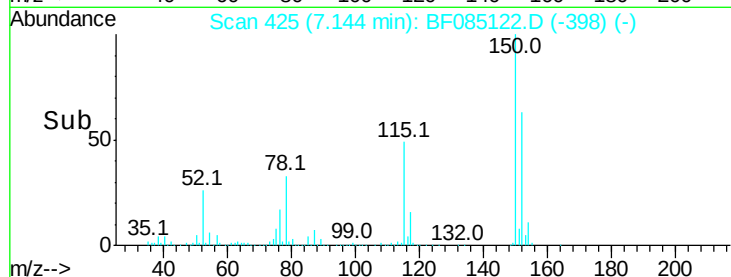
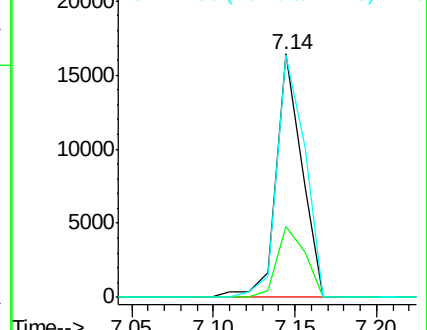
77 99.5 51.2 76.8#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.01 ng

RT: 7.30 min Scan# 439

Delta R.T. 0.04 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

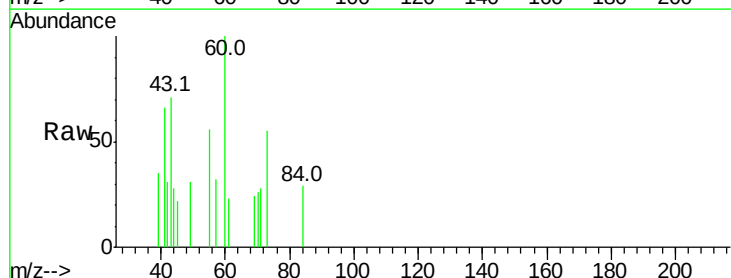
Tgt Ion: 45 Resp: 209

Ion Ratio Lower Upper

45 100

77 0.0 0.0 34.4

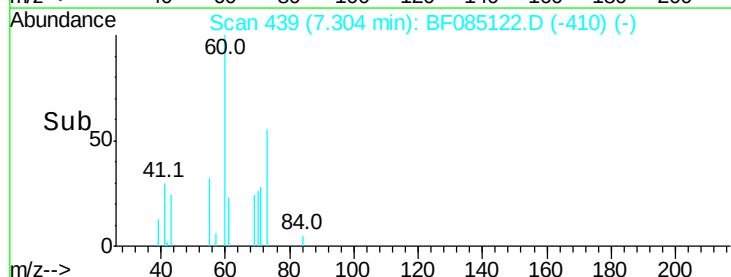
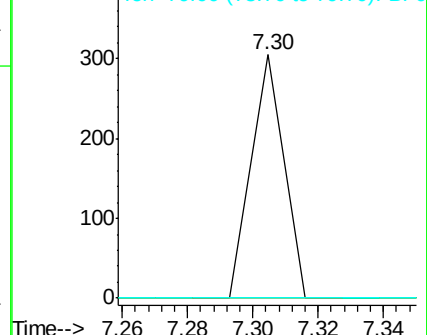
79 0.0 0.0 31.1

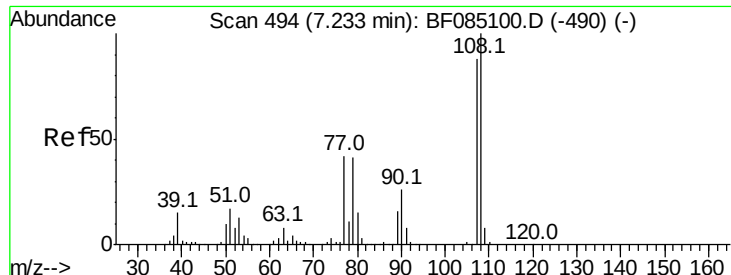


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

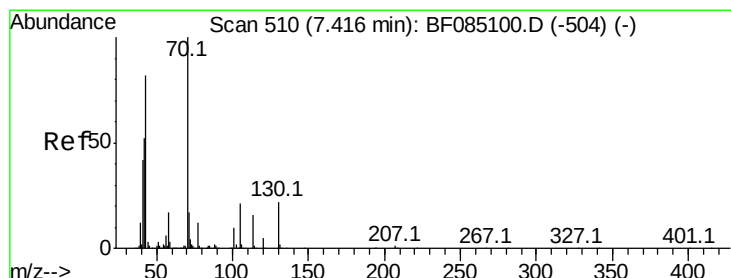
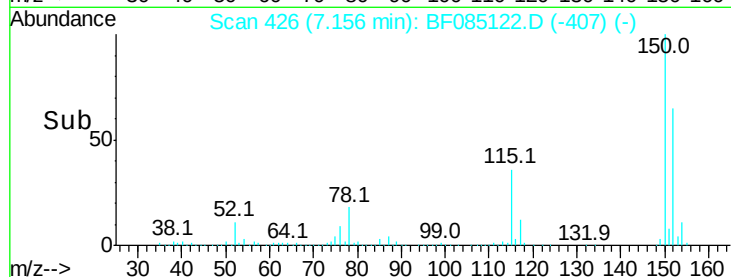
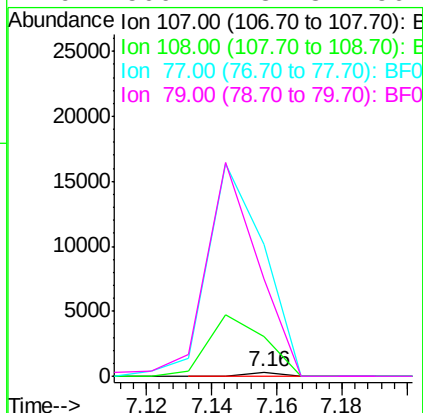
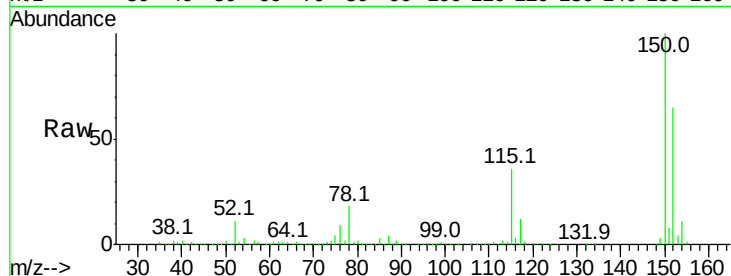




#17
2-Methylphenol
Concen: 0.02 ng
RT: 7.16 min Scan# 426
Delta R.T. -0.08 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

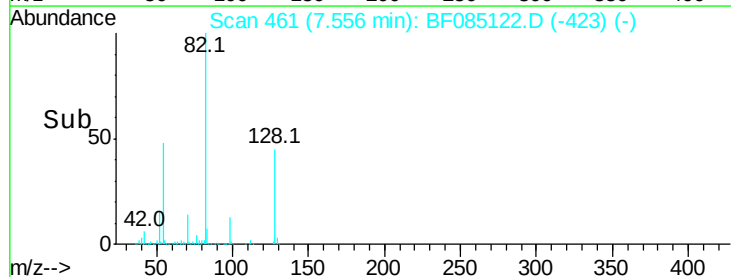
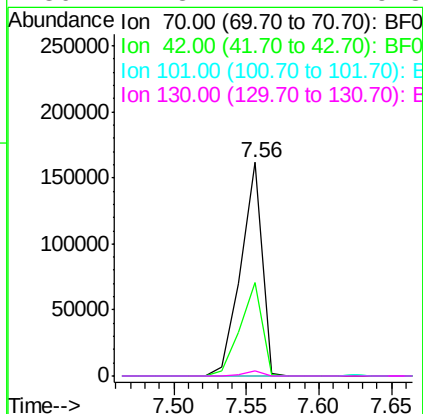
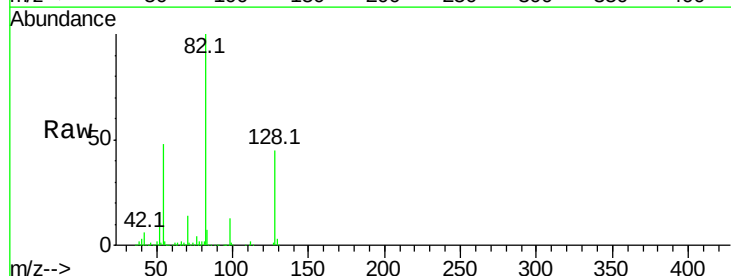
Instrument :
BNA_F
ClientSampled :

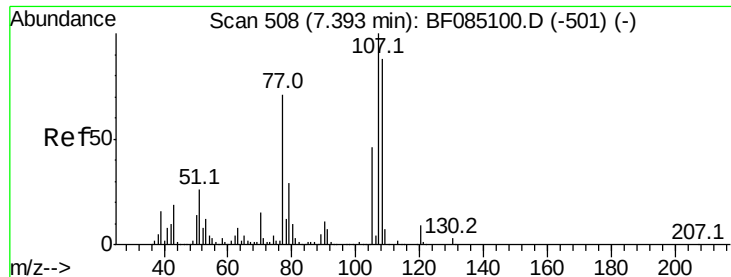
Tot Ion:107 Resp: 206
Ion Ratio Lower Upper
107 100
108 1032.0 91.4 137.2#
77 3392.0 38.7 58.1#
79 2500.7 37.8 56.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.24 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Tgt Ion: 70 Resp: 165246
Ion Ratio Lower Upper
70 100
42 43.5 41.9 62.9
101 0.0 7.8 11.8#
130 2.3 17.2 25.8#





#20

3+4-Methylphenols

Concen: 0.02 ng

RT: 7.16 min Scan# 426

Delta R.T. -0.24 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 206

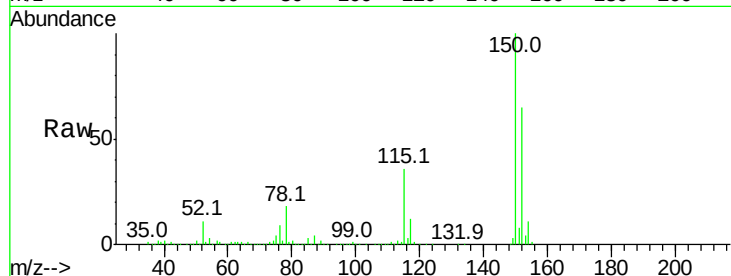
Ion Ratio Lower Upper

107 100

108 1032.0 67.8 107.8#

77 3392.0 50.6 90.6#

79 2500.7 9.1 49.1#

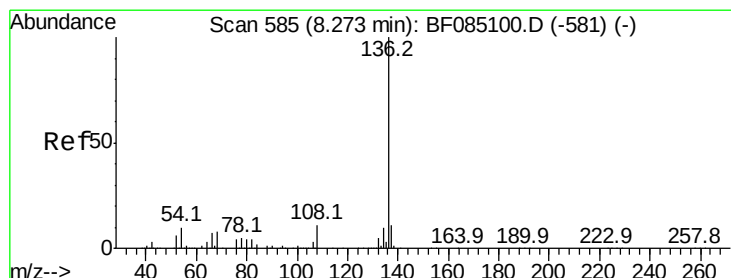
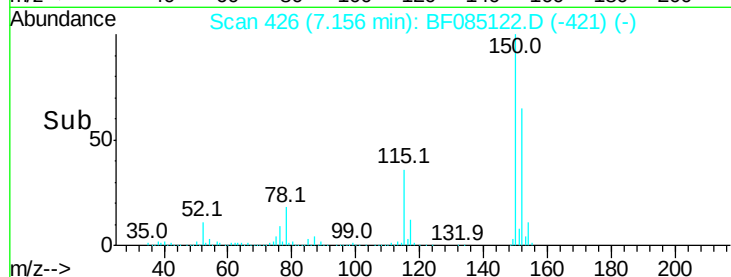
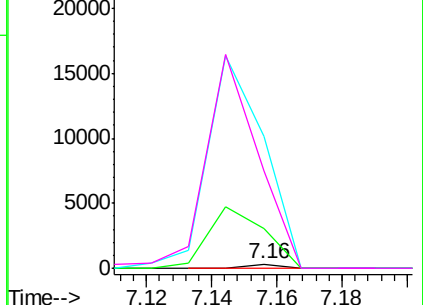


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Tgt Ion:136 Resp: 735519

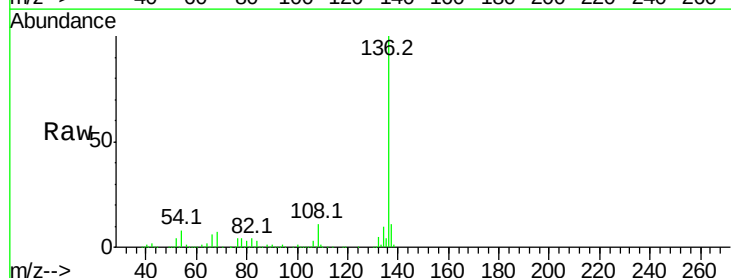
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.2 8.5 12.7#

68 6.8 6.4 9.6

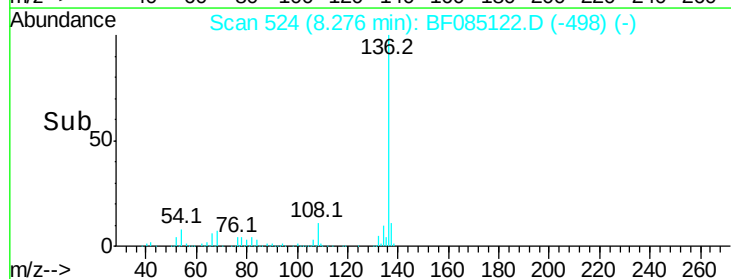
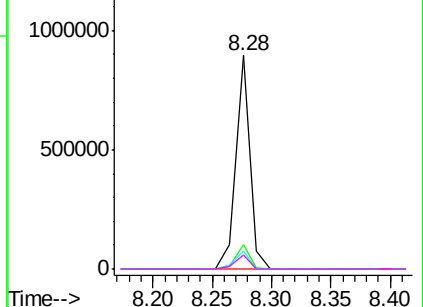


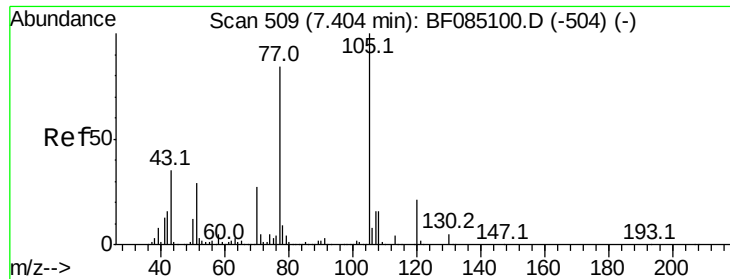
Abundance Ion 136.00 (135.70 to 136.70): E

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

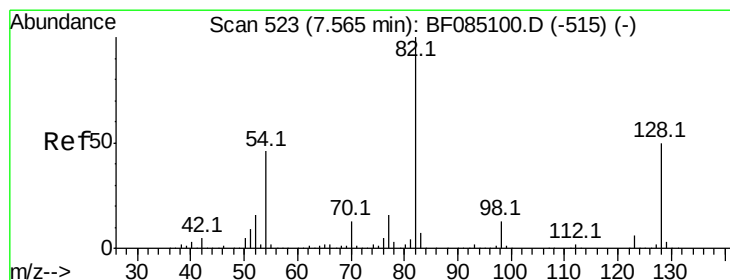
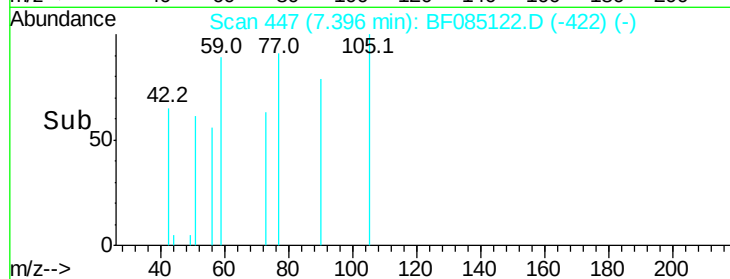
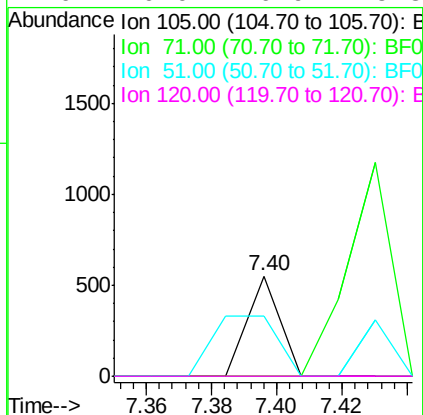
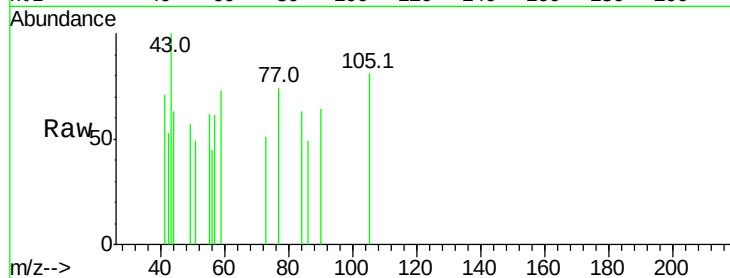




#22
Acetophenone
Concen: 0.02 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

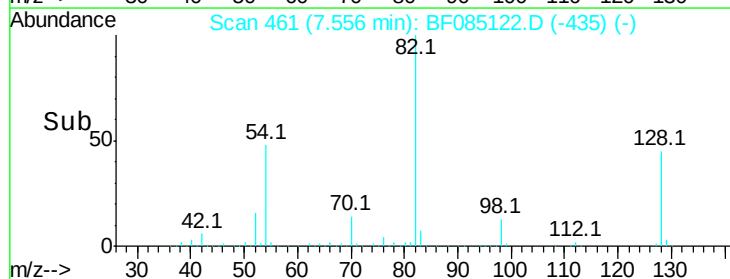
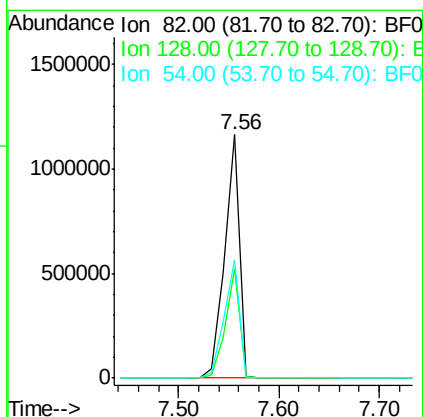
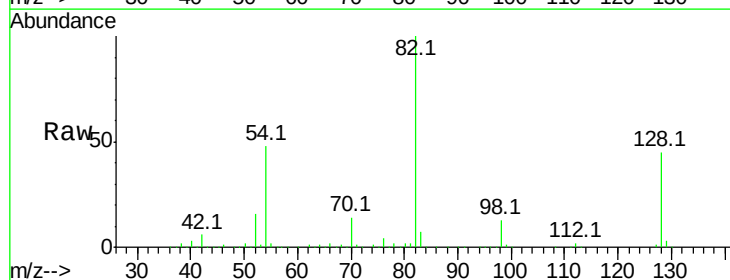
Instrument :
BNA_F
ClientSampleId :

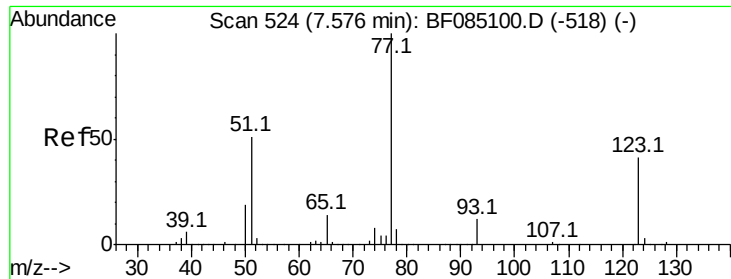
Tot Ion:105 Resp: 379
Ion Ratio Lower Upper
105 100
71 0.0 3.8 5.6#
51 60.5 22.9 34.3#
120 0.0 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 85.55 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Tgt Ion: 82 Resp: 1182740
Ion Ratio Lower Upper
82 100
128 45.1 39.8 59.6
54 48.5 36.6 54.8

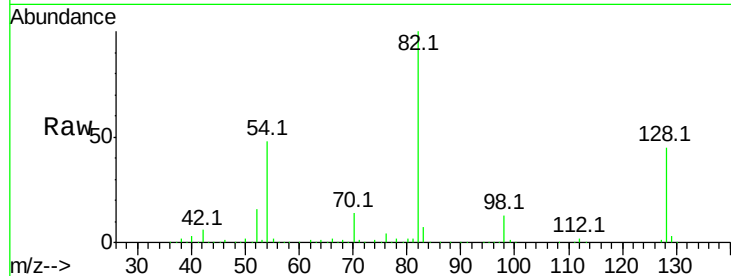




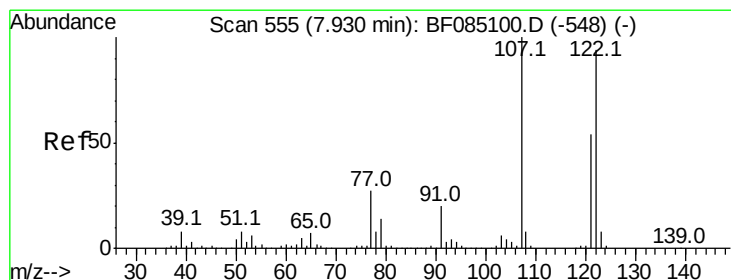
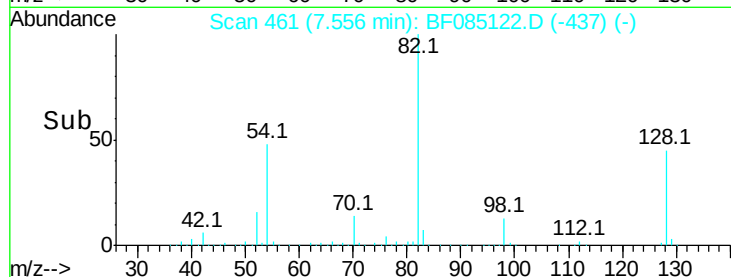
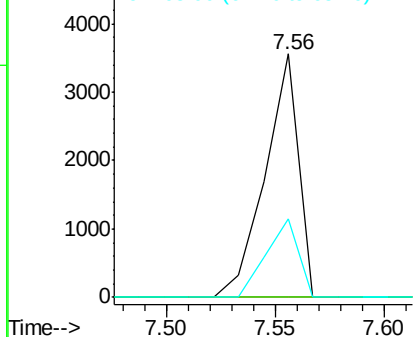
#24
 Nitrobenzene
 Concen: 0.27 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 77 Resp: 3816
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.4 50.2#
 65 32.0 10.9 16.3#

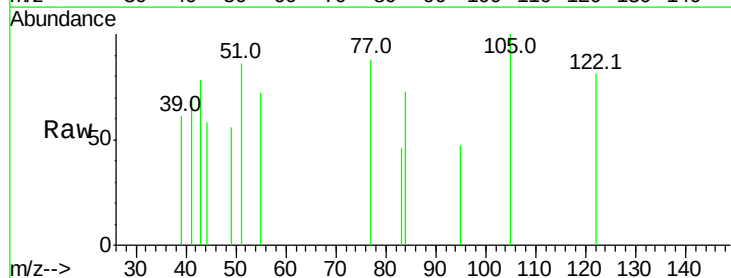


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BF0

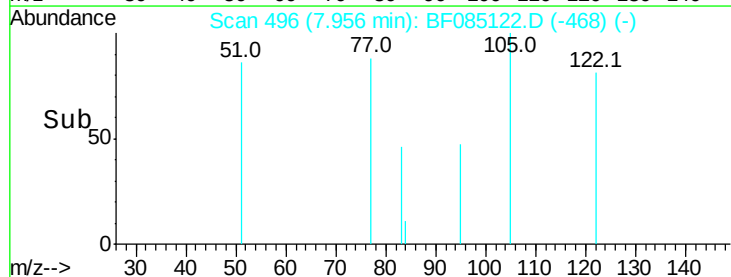
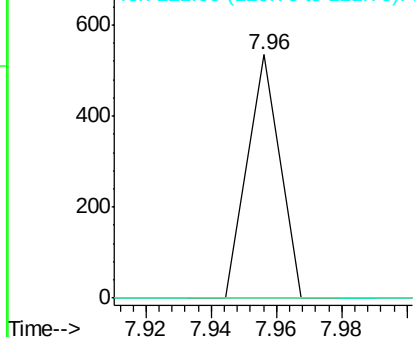


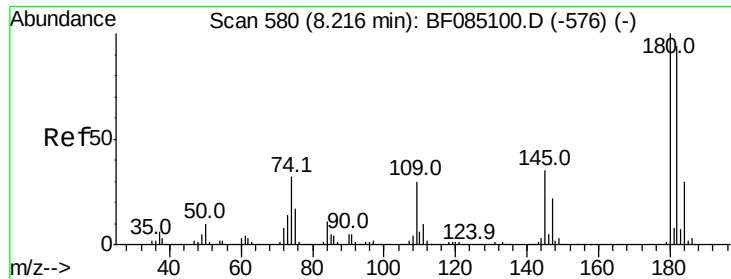
#27
 2,4-Dimethylphenol
 Concen: 0.03 ng
 RT: 7.96 min Scan# 496
 Delta R.T. 0.03 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

Tgt Ion:122 Resp: 367
 Ion Ratio Lower Upper
 122 100
 107 0.0 85.0 127.4#
 121 0.0 45.8 68.8#



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

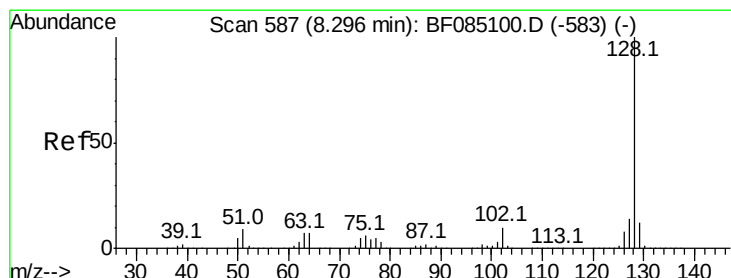
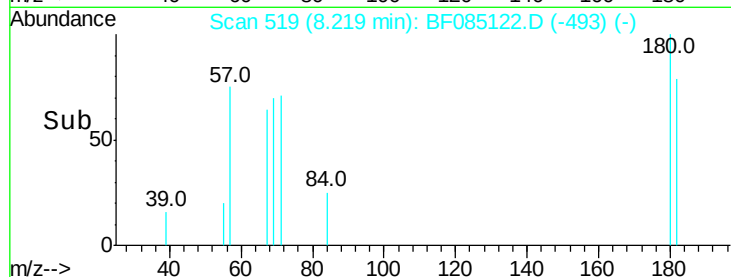
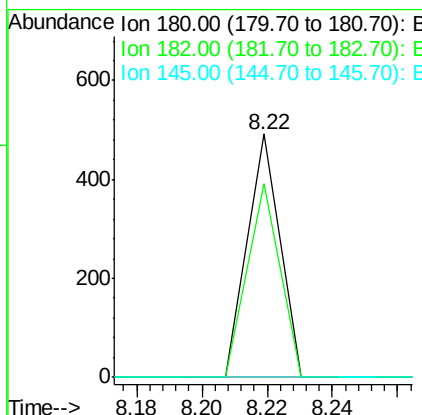
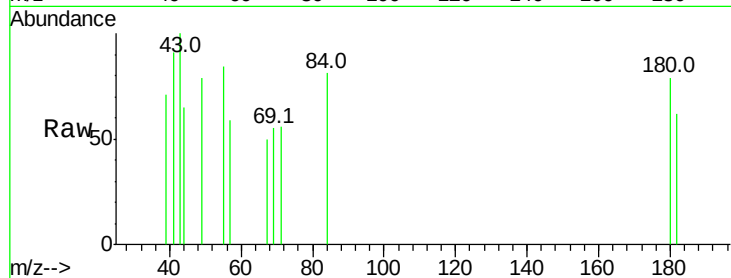




#30
 1,2,4-Trichlorobenzene
 Concen: 0.03 ng
 RT: 8.22 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

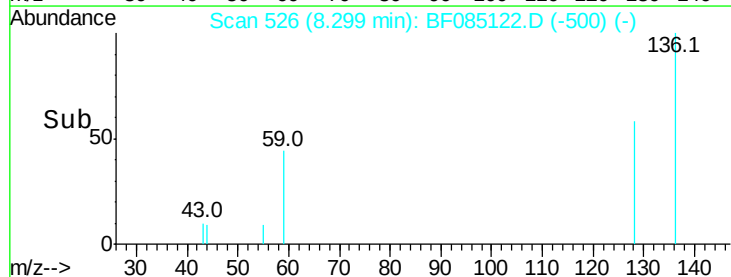
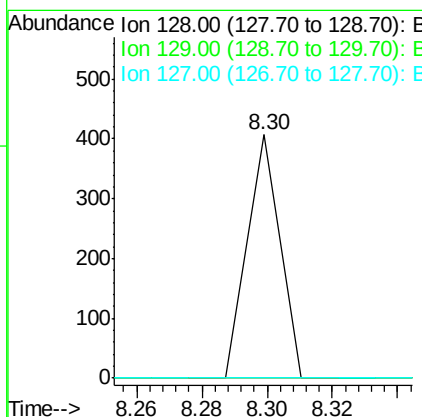
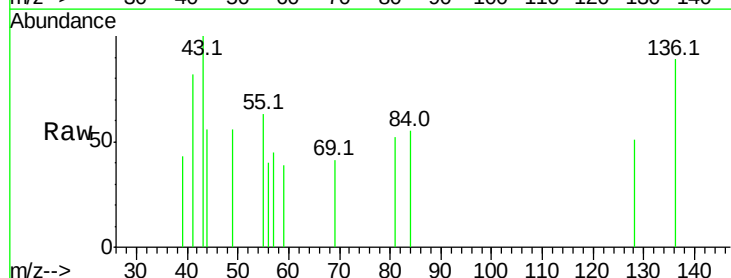
Instrument :
 BNA_F
 ClientSampleId :

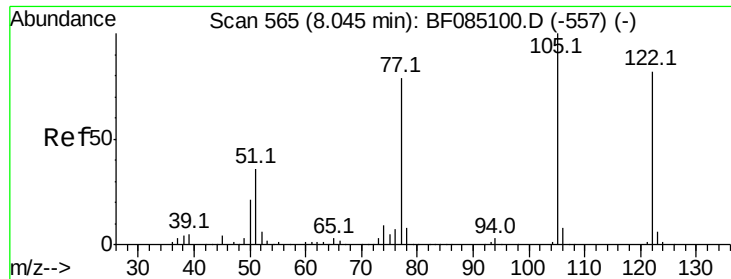
Tot Ion:180 Resp: 337
 Ion Ratio Lower Upper
 180 100
 182 79.5 75.4 113.0
 145 0.0 27.8 41.8#



#31
 Naphthalene
 Concen: 0.01 ng
 RT: 8.30 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

Tgt Ion:128 Resp: 279
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.7 14.5#
 127 0.0 11.1 16.7#

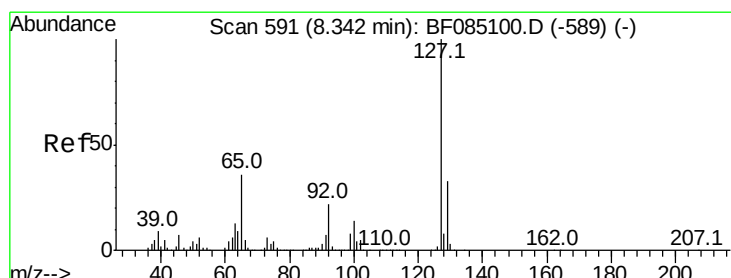
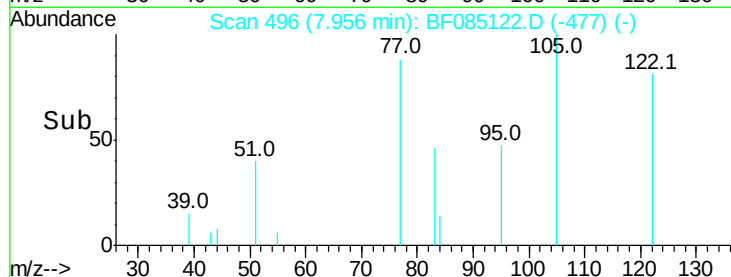
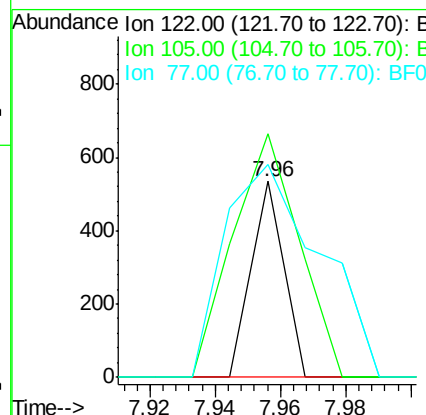
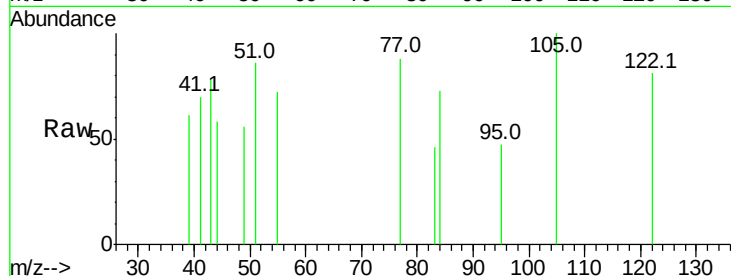




#32
 Benzoic acid
 Concen: 12.44 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.09 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

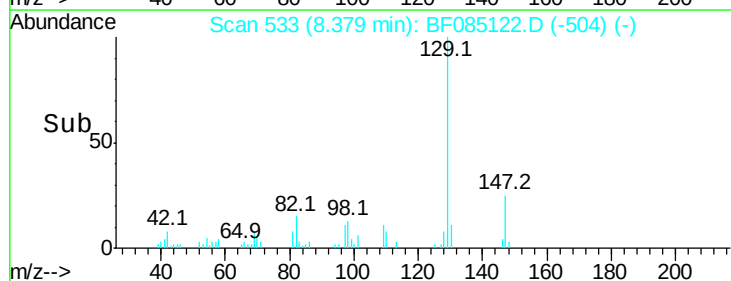
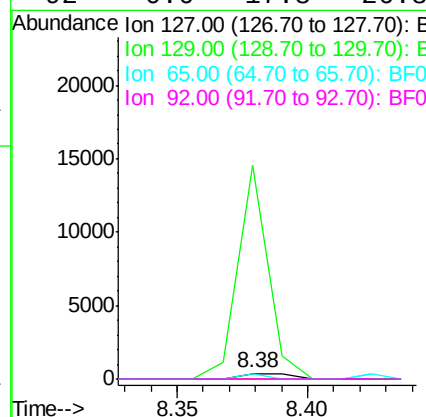
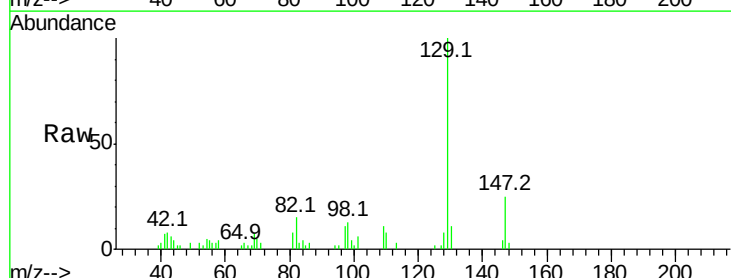
Instrument :
 BNA_F
 ClientSampleId :

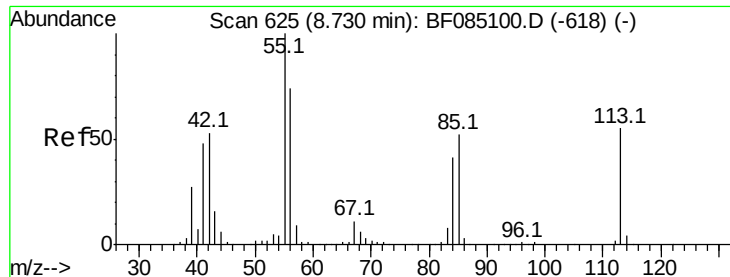
Tot Ion:	122	Resp:	367
Ion	Ratio	Lower	Upper
122	100		
105	124.1	102.0	142.0
77	108.8	76.8	116.8



#33
 4-Chloroaniline
 Concen: 0.03 ng
 RT: 8.38 min Scan# 533
 Delta R.T. 0.04 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

Tgt Ion:	127	Resp:	470
Ion	Ratio	Lower	Upper
127	100		
129	4040.6	26.3	39.5#
65	87.5	28.6	43.0#
92	0.0	17.8	26.8#





#35

Caprolactam

Concen: 0.09 ng

RT: 8.68 min Scan# 559

Delta R.T. -0.05 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

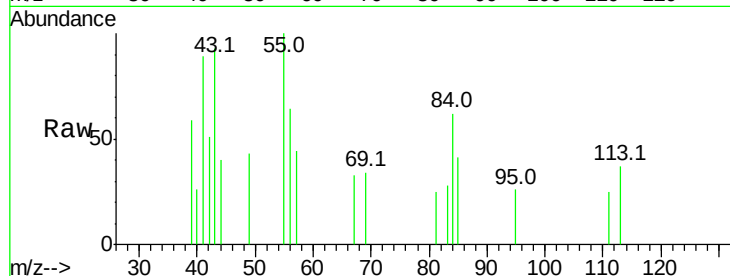
Tot Ion:113 Resp: 304

Ion Ratio Lower Upper

113 100

55 268.9 162.9 202.9#

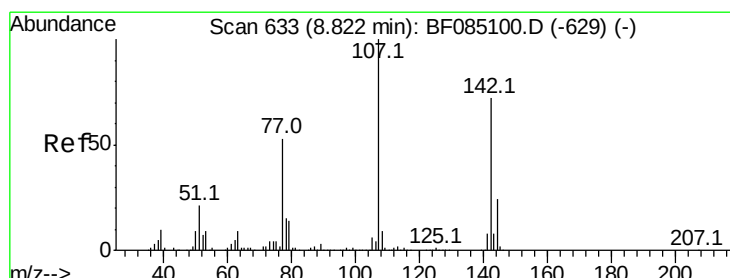
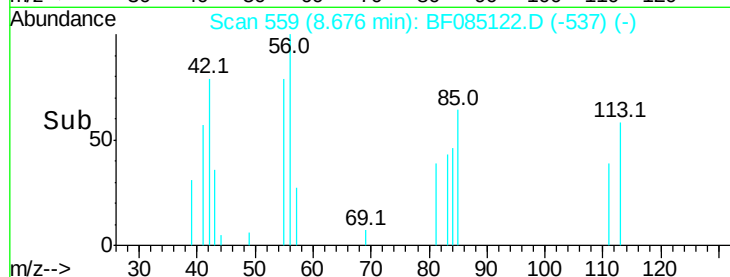
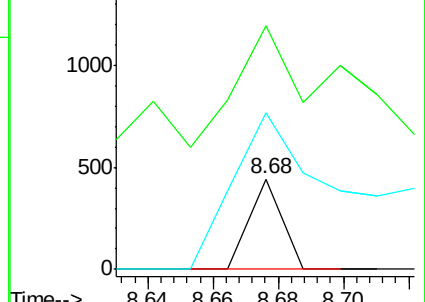
56 172.3 114.5 154.5#



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: 0.03 ng

RT: 8.84 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

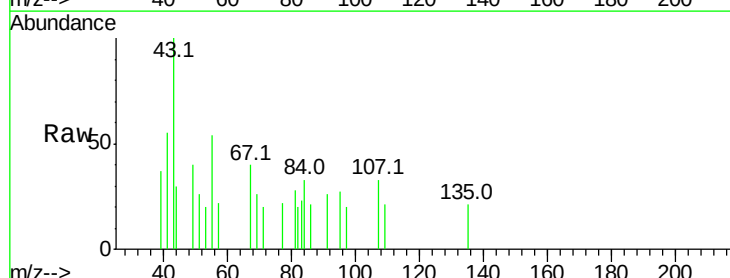
Tgt Ion:107 Resp: 350

Ion Ratio Lower Upper

107 100

144 0.0 18.9 28.3#

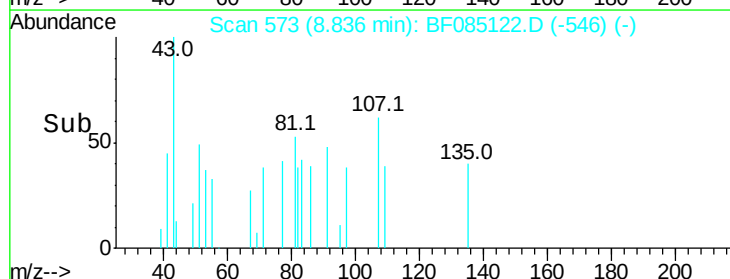
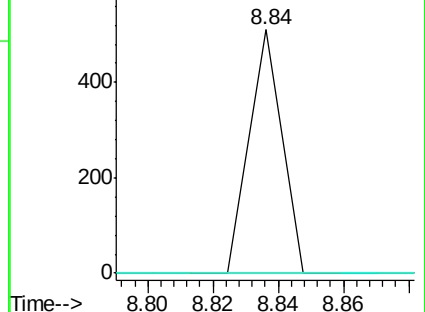
142 0.0 57.9 86.9#

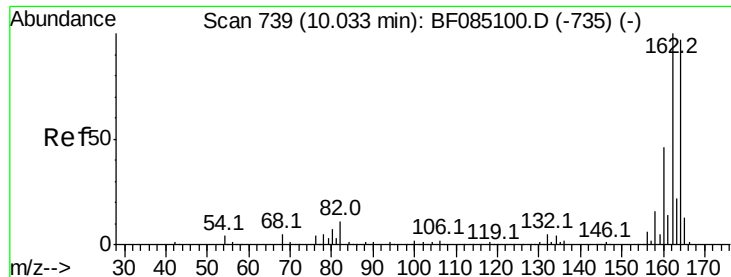


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

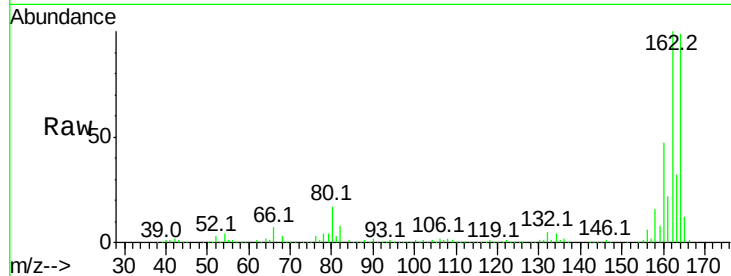




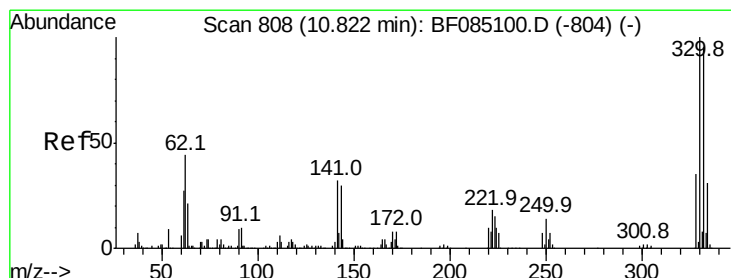
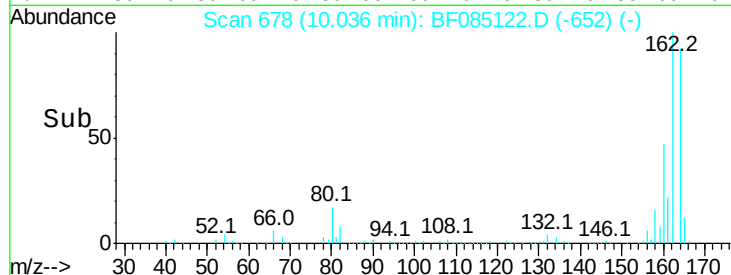
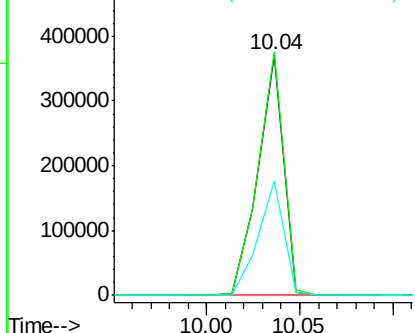
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 350502
Ion Ratio Lower Upper
164 100
162 101.3 82.6 123.8
160 47.6 38.2 57.2

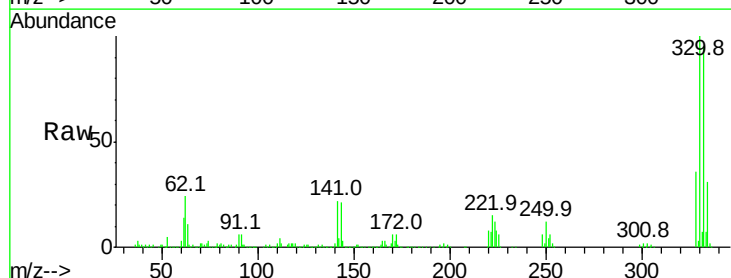


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

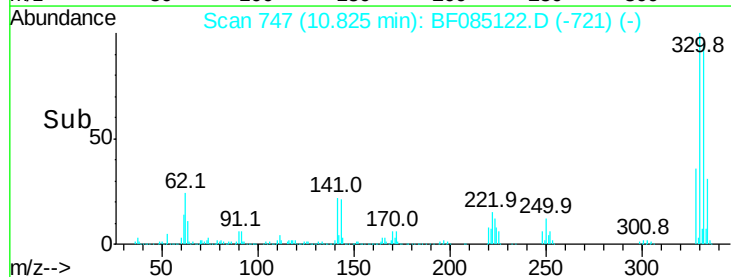
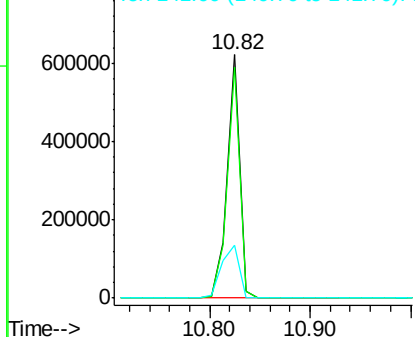


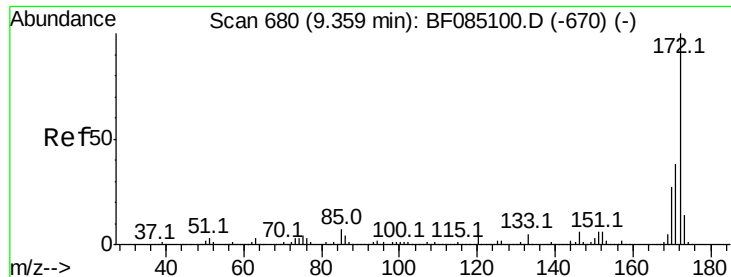
#41
2,4,6-Tribromophenol
Concen: 153.73 ng
RT: 10.82 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Tgt Ion:330 Resp: 541486
Ion Ratio Lower Upper
330 100
332 95.0 75.9 113.9
141 30.5 28.9 43.3



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



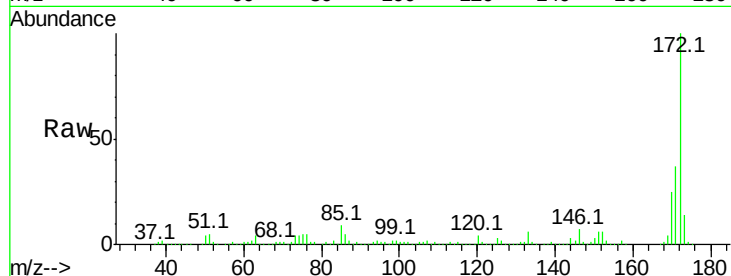


#44
 2-Fluorobiphenyl
 Concen: 78.26 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

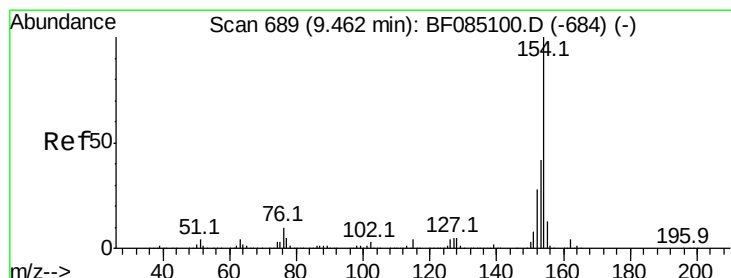
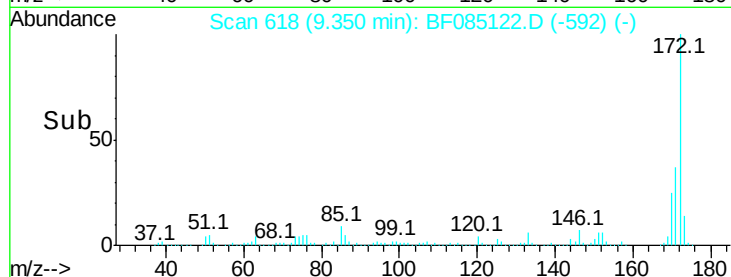
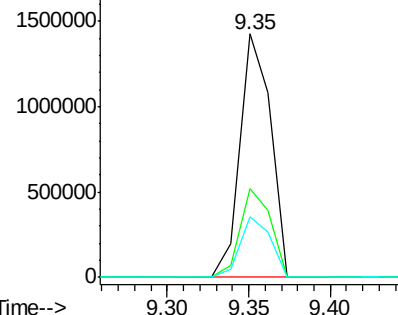
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1862471

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.8	21.2	31.8



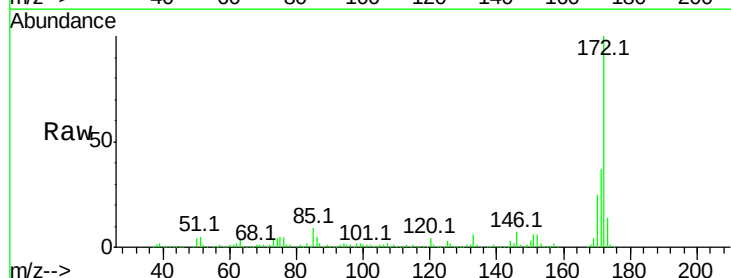
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



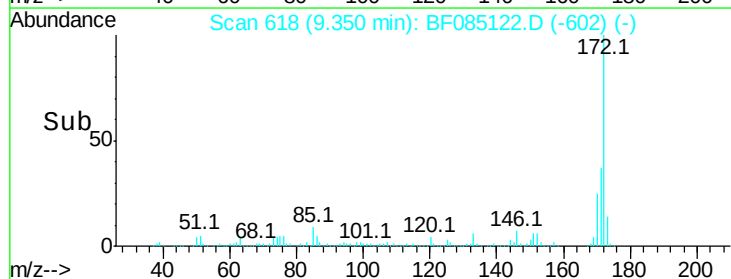
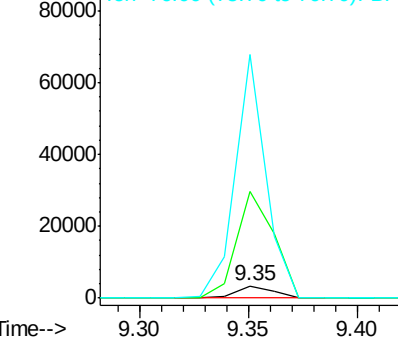
#45
 1,1'-Biphenyl
 Concen: 0.13 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.11 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

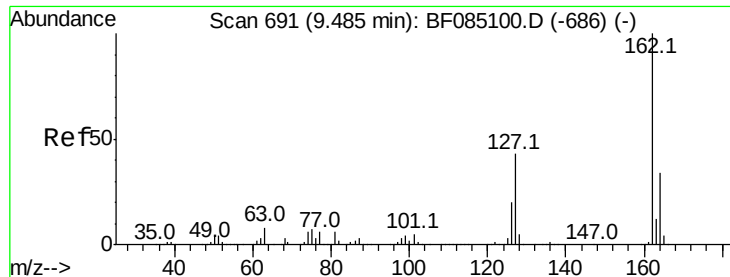
Tgt Ion:154 Resp: 4077

Ion	Ratio	Lower	Upper
154	100		
153	860.9	21.5	61.5#
76	1970.0	0.0	29.7#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

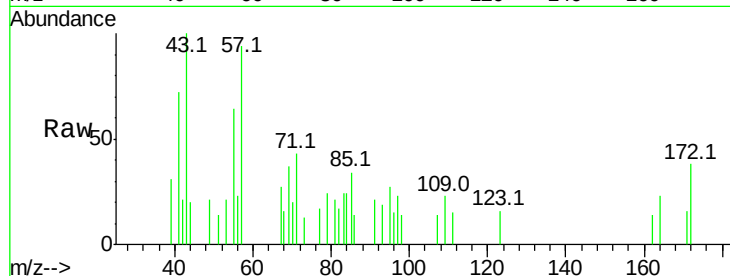




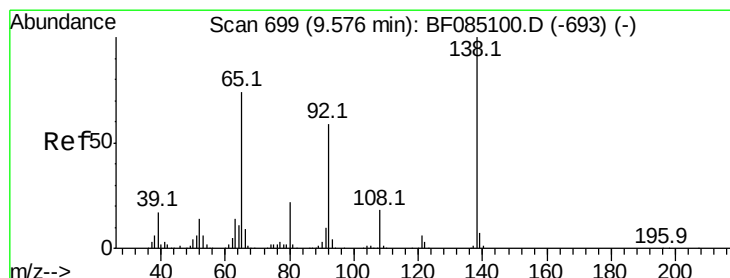
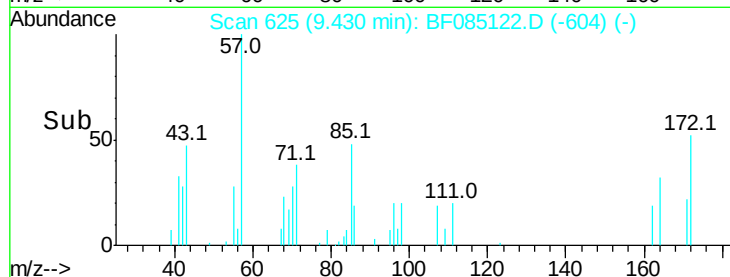
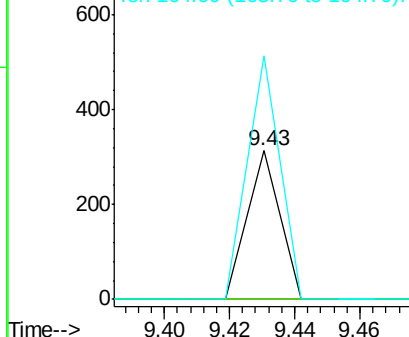
#46
2-Chloronaphthalene
Concen: 0.01 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion: 162 Resp: 215
Ion Ratio Lower Upper
162 100
127 0.0 34.2 51.4#
164 163.9 27.2 40.8#

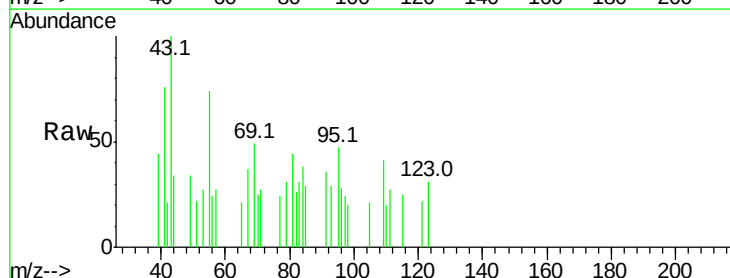


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

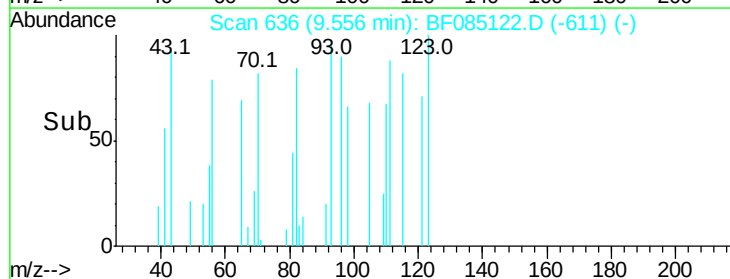
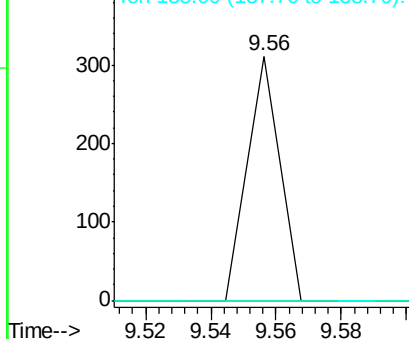


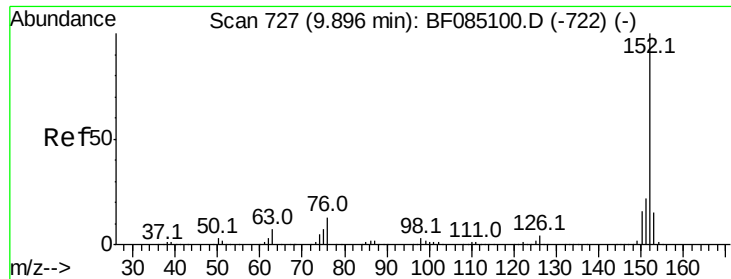
#47
2-Nitroaniline
Concen: 0.03 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Tgt Ion: 65 Resp: 213
Ion Ratio Lower Upper
65 100
92 0.0 63.8 95.6#
138 0.0 108.5 162.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.01 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampled :

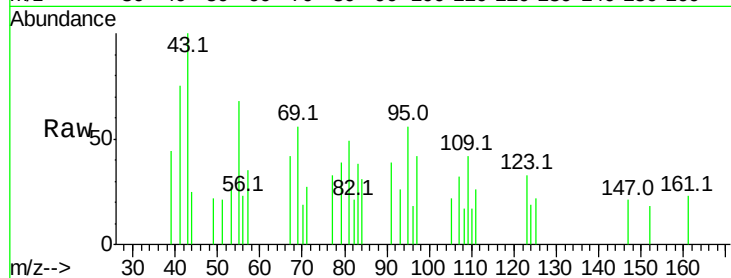
Tot Ion:152 Resp: 218

Ion Ratio Lower Upper

152 100

151 0.0 17.4 26.0#

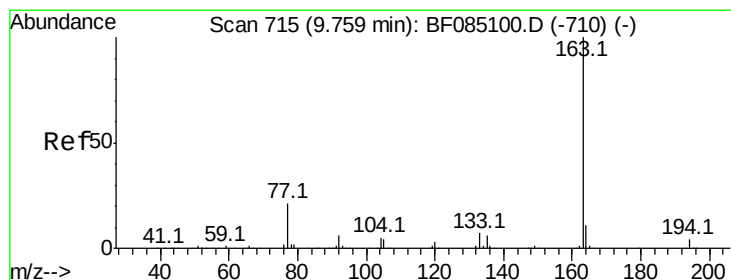
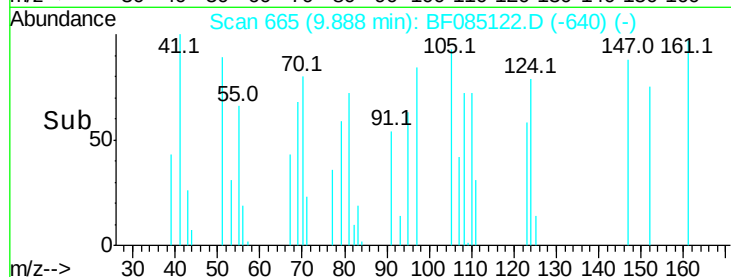
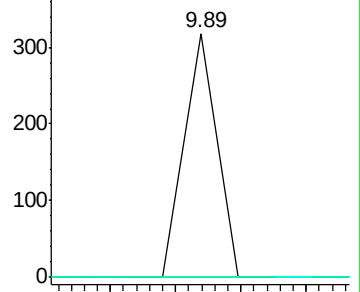
153 0.0 12.0 18.0#



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: 9.17 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

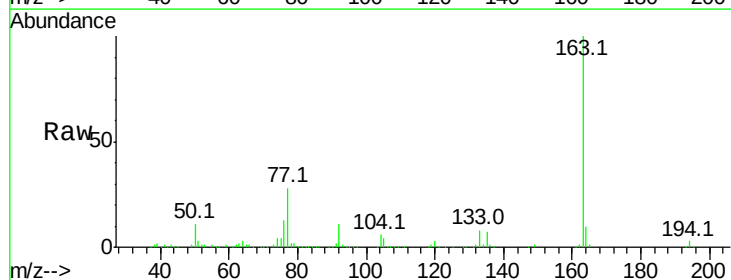
Tgt Ion:163 Resp: 238271

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

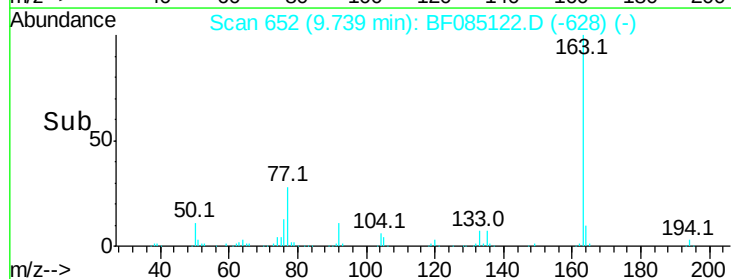
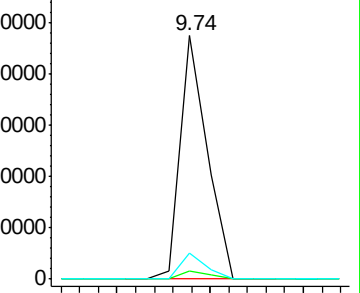
164 10.4 8.6 12.8

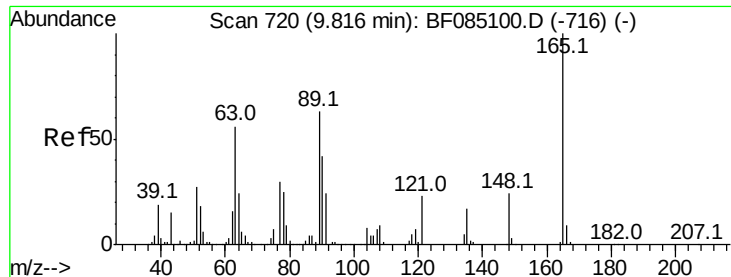


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

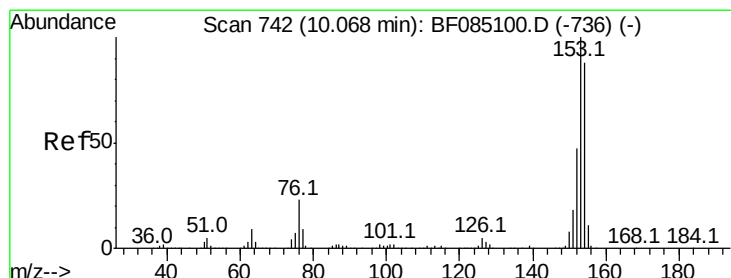
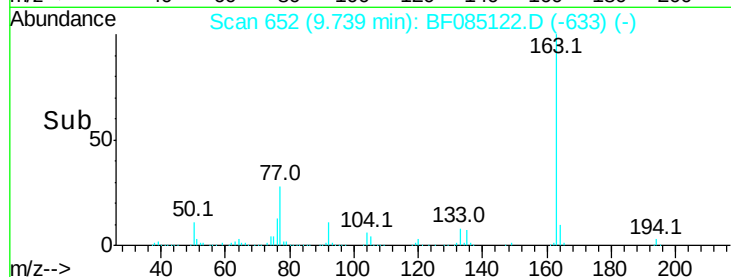
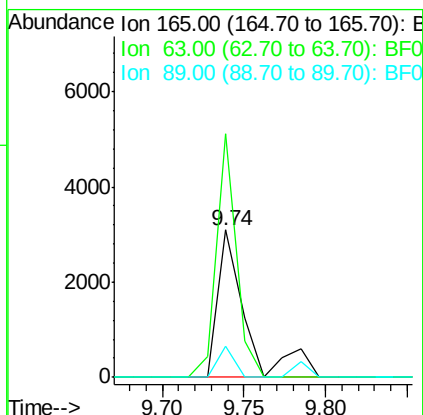
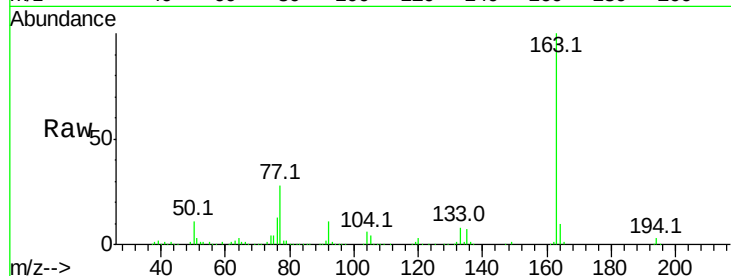




#50
2,6-Dinitrotoluene
Concen: 0.68 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

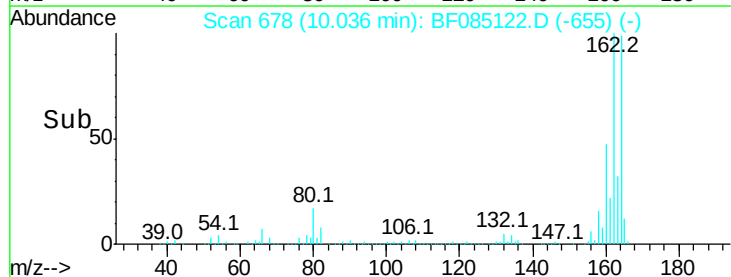
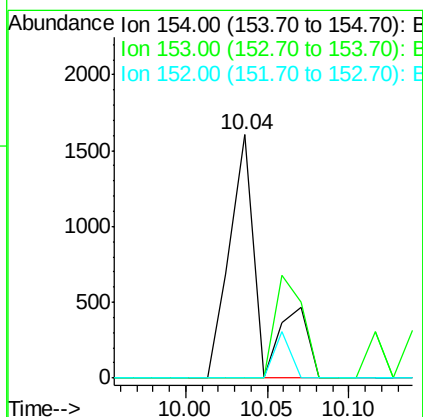
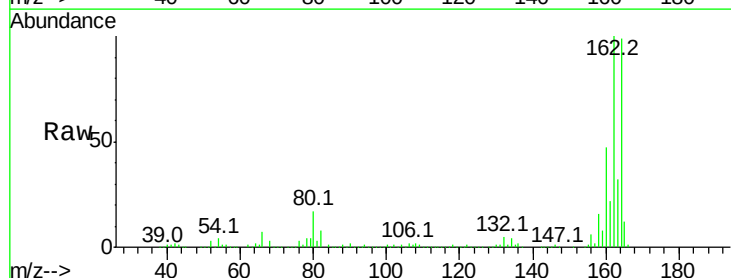
Instrument :
BNA_F
ClientSampleId :

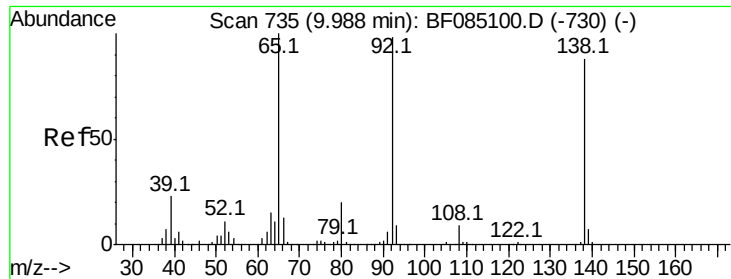
Tot Ion:165 Resp: 3686
Ion Ratio Lower Upper
165 100
63 165.1 47.4 71.2#
89 21.2 50.2 75.2#



#51
Acenaphthene
Concen: 0.10 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Tgt Ion:154 Resp: 2142
Ion Ratio Lower Upper
154 100
153 0.0 91.0 136.6#
152 0.0 43.0 64.6#





#52

3-Nitroaniline

Concen: 0.07 ng

RT: 10.13 min Scan# 686

Delta R.T. 0.14 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampled :

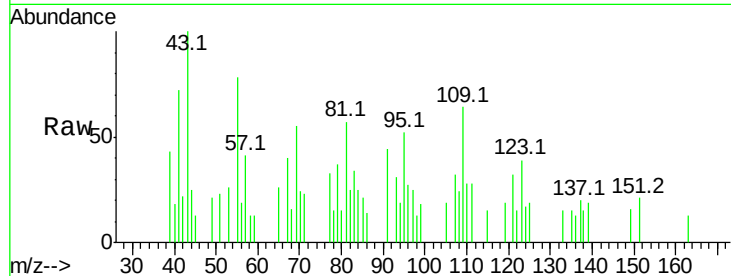
Tot Ion:138 Resp: 460

Ion Ratio Lower Upper

138 100

108 156.3 8.2 12.2#

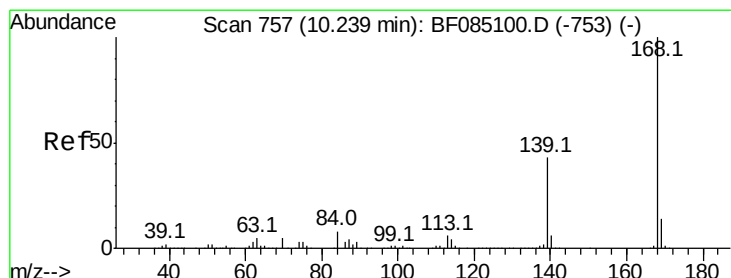
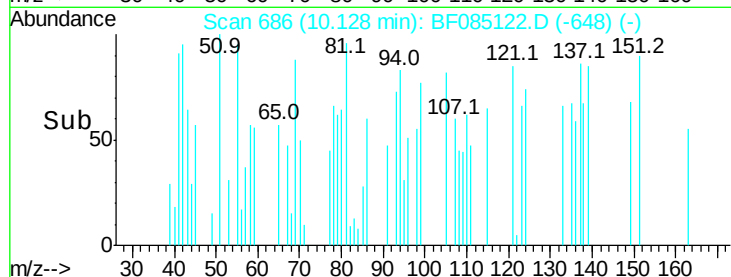
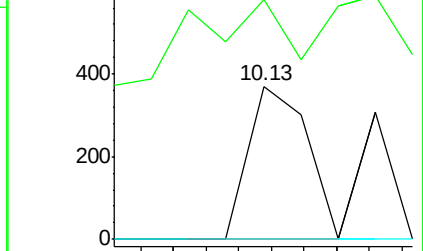
92 0.0 89.0 133.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 0.01 ng

RT: 10.37 min Scan# 707

Delta R.T. 0.13 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

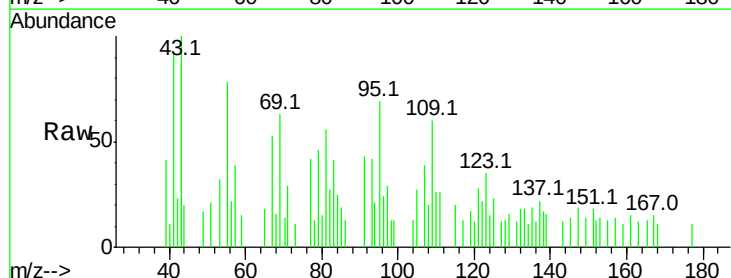
Tgt Ion:168 Resp: 207

Ion Ratio Lower Upper

168 100

139 153.0 34.2 51.2#

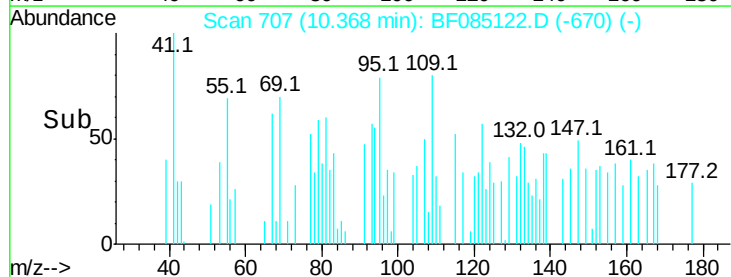
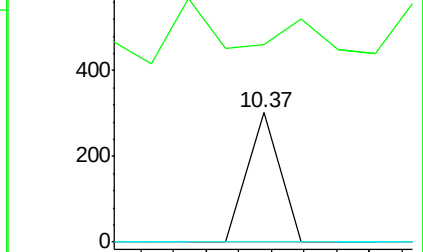
169 0.0 11.4 17.2#

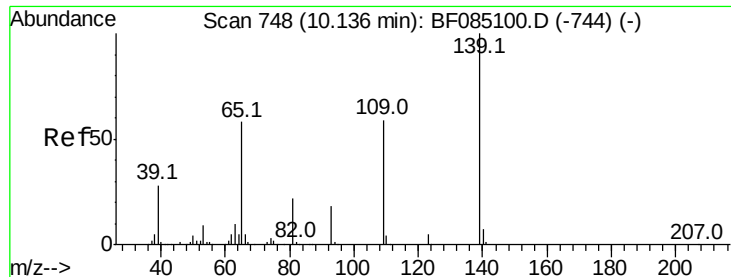


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.42 ng

RT: 10.13 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampled :

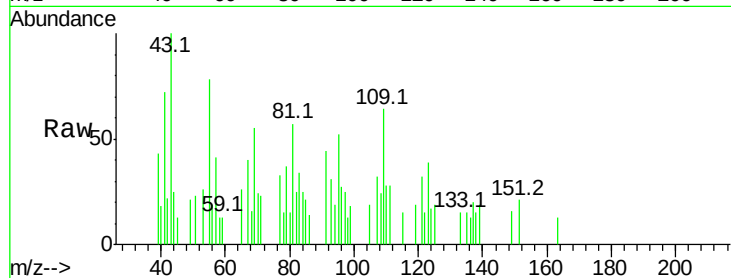
Tot Ion:139 Resp: 2076

Ion Ratio Lower Upper

139 100

109 329.6 39.5 79.5#

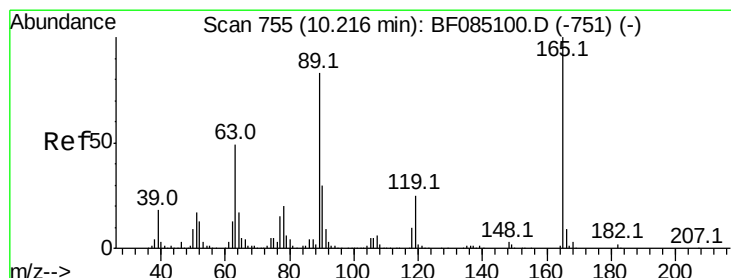
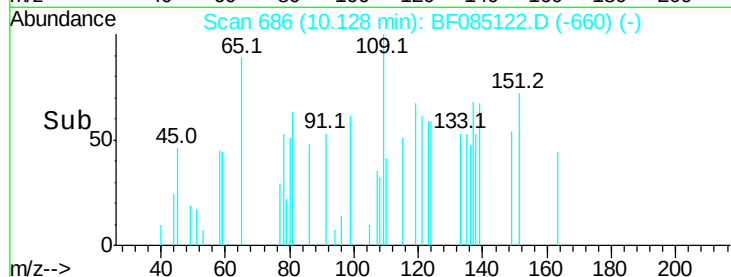
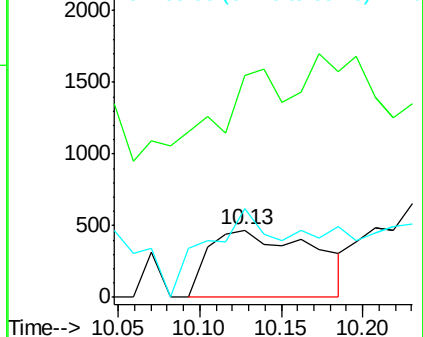
65 132.6 38.4 78.4#



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: 6.19 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.18 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Tgt Ion:165 Resp: 44916

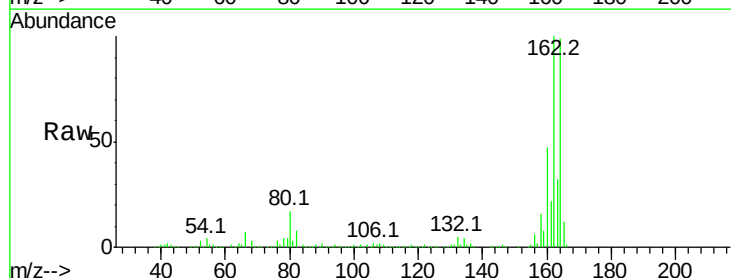
Ion Ratio Lower Upper

165 100

63 1.6 39.2 58.8#

89 2.0 66.2 99.4#

182 0.0 1.8 2.8#

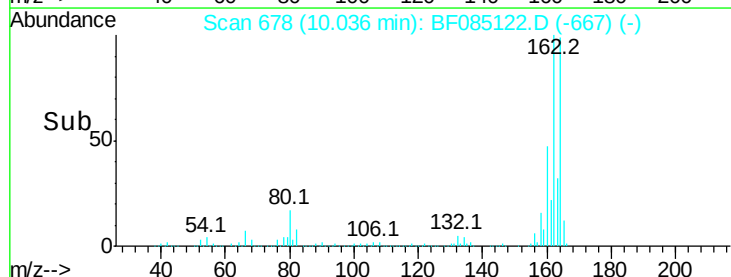
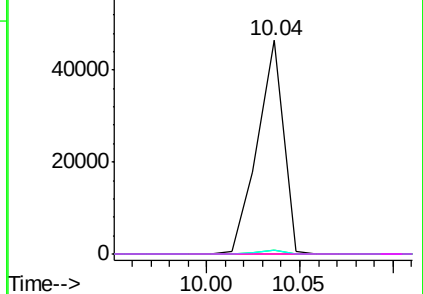


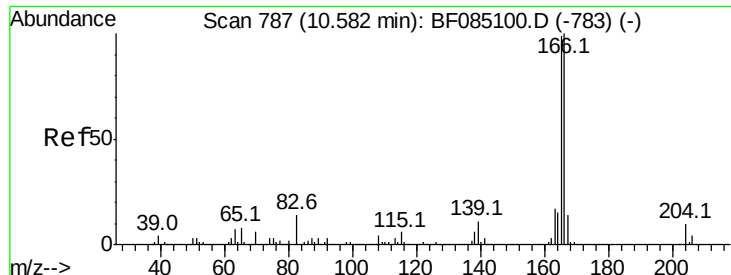
Abundance Ion 165.00 (164.70 to 165.70): E

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

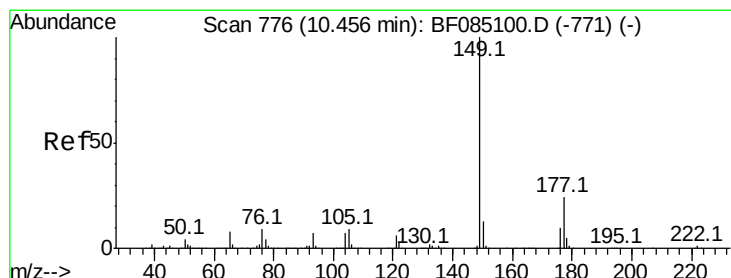
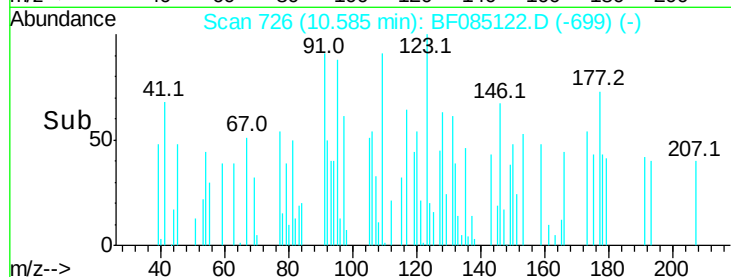
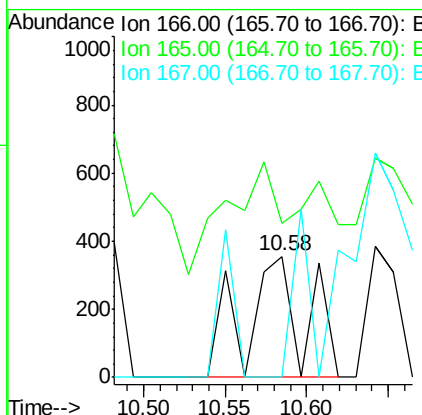
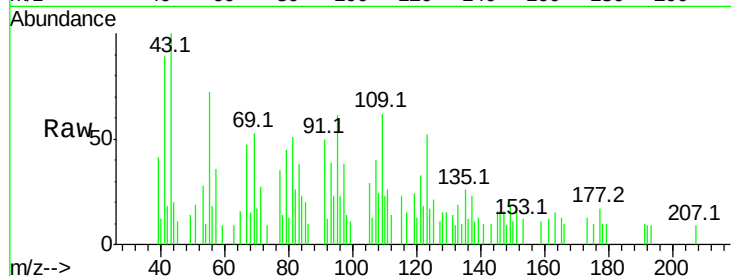




#57
Fluorene
Concen: 0.04 ng
RT: 10.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

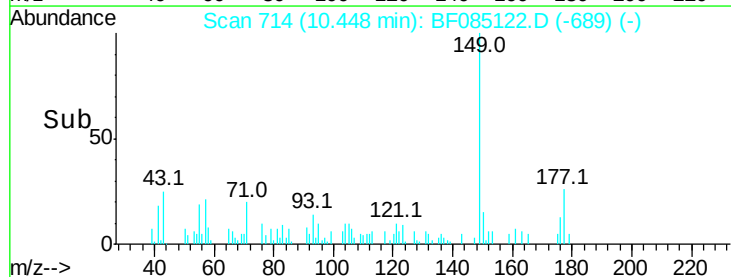
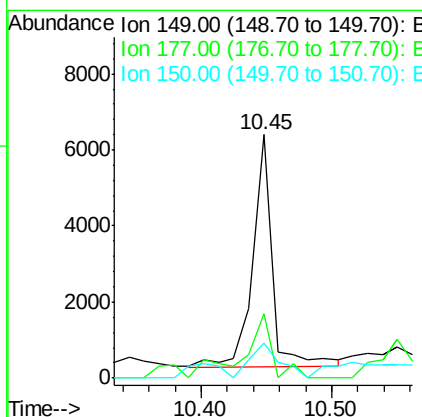
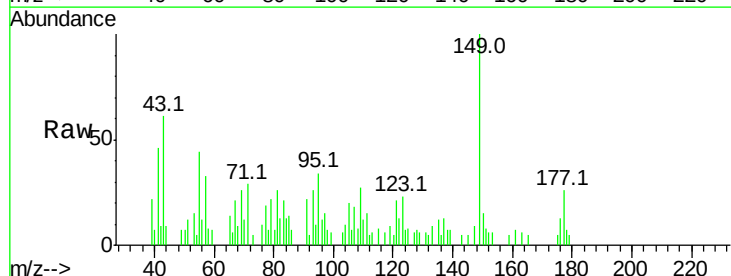
Instrument :
BNA_F
ClientSampled :

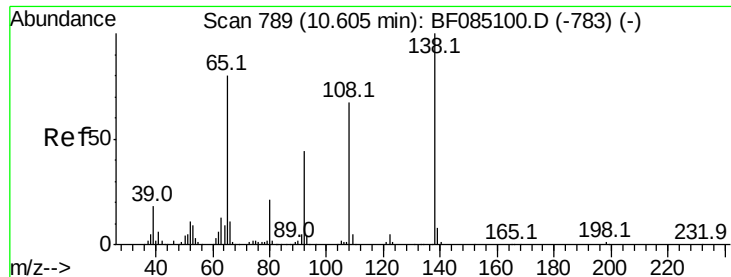
Tot Ion:166 Resp: 903
Ion Ratio Lower Upper
166 100
165 126.7 79.4 119.2#
167 0.0 11.2 16.8#



#59
Diethylphthalate
Concen: 0.26 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Tgt Ion:149 Resp: 6462
Ion Ratio Lower Upper
149 100
177 26.3 19.4 29.2
150 14.6 10.1 15.1

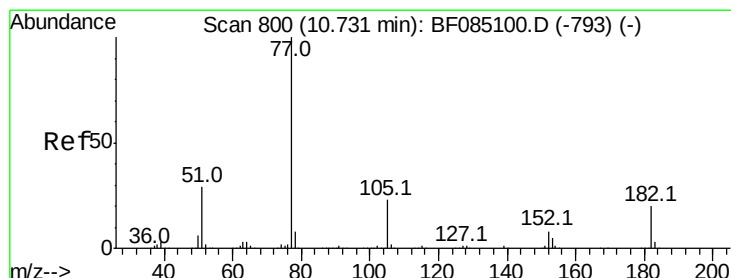
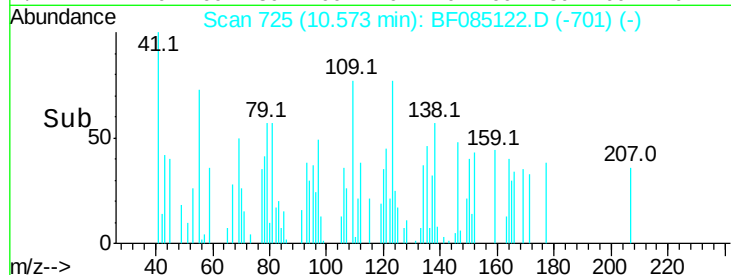
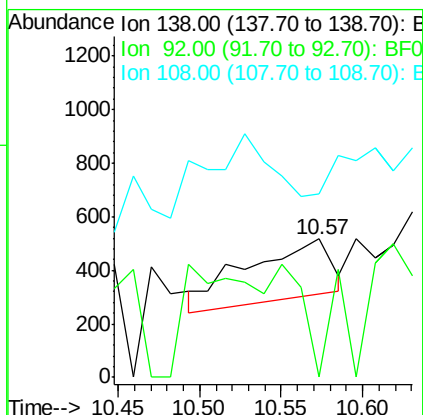
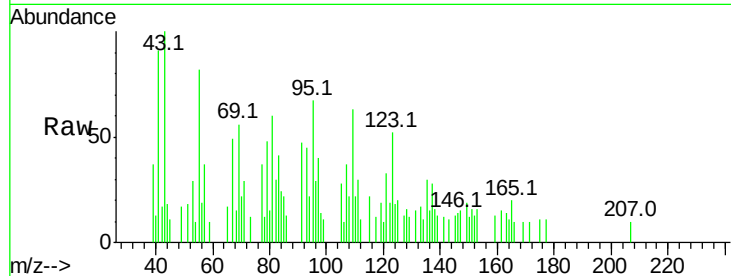




#61
4-Nitroaniline
Concen: 0.13 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

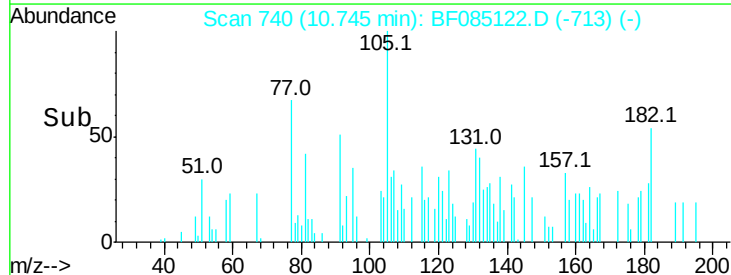
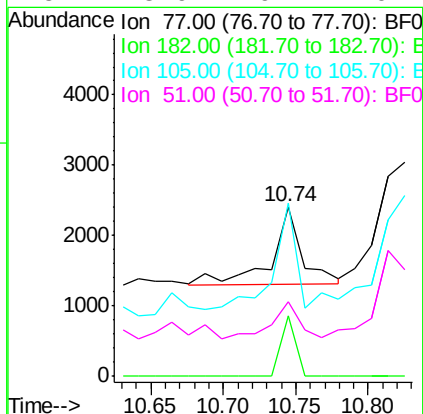
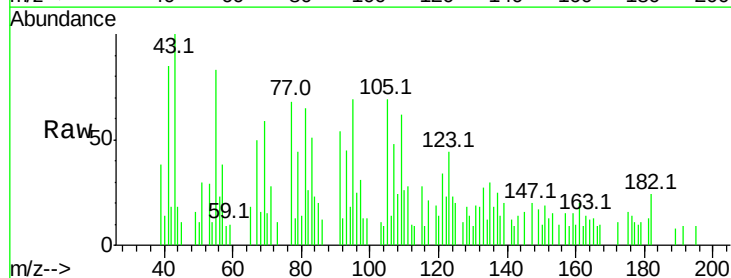
Instrument :
BNA_F
ClientSampled :

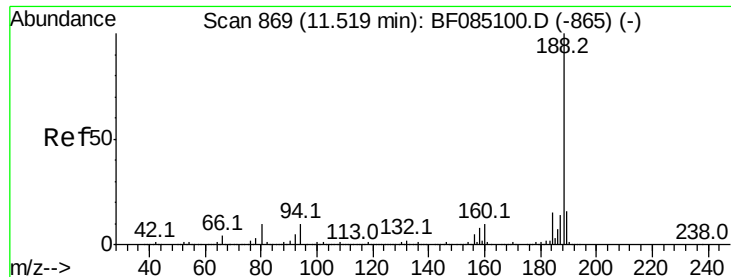
Tot Ion:138 Resp: 787
Ion Ratio Lower Upper
138 100
92 0.0 23.5 63.5#
108 132.5 46.8 86.8#



#62
Azobenzene
Concen: 0.07 ng
RT: 10.74 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Tgt Ion: 77 Resp: 1648
Ion Ratio Lower Upper
77 100
182 35.4 0.0 39.8
105 102.5 2.7 42.7#
51 43.9 9.4 49.4

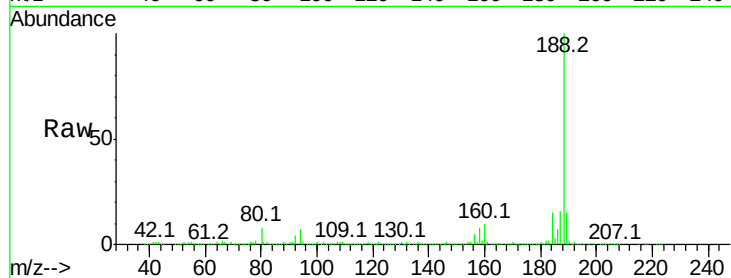




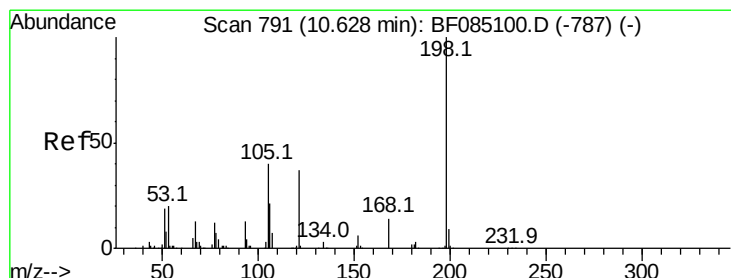
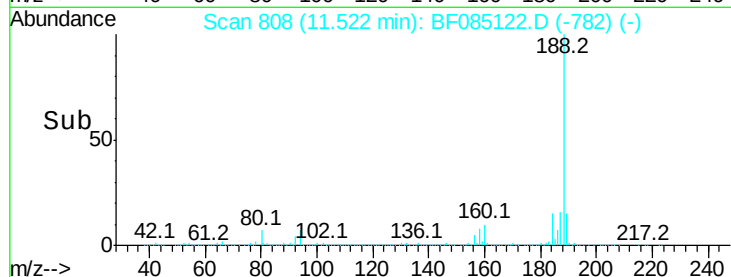
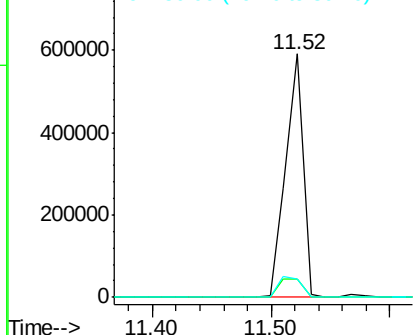
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 597078
 Ion Ratio Lower Upper
 188 100
 94 7.4 7.8 11.6#
 80 7.5 8.2 12.4#

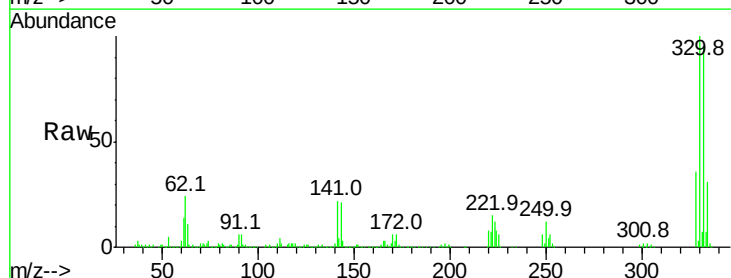


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

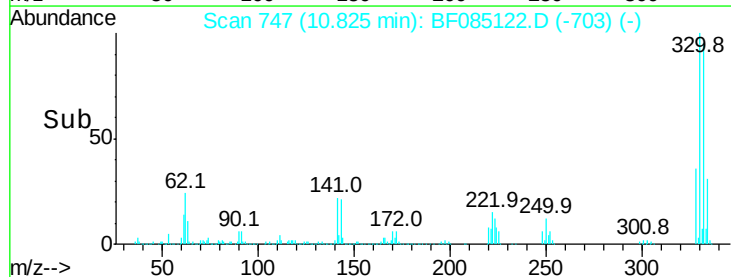
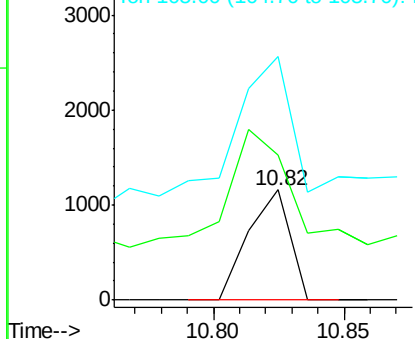


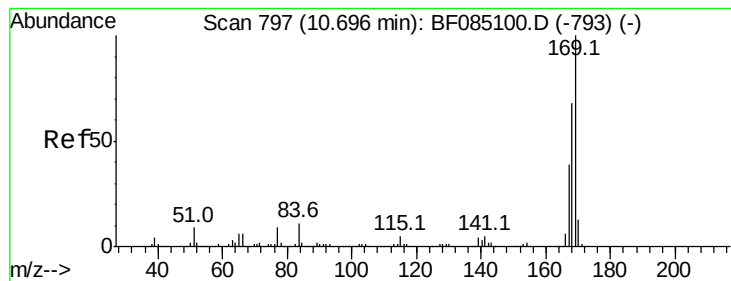
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.51 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.20 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

Tgt Ion:198 Resp: 1296
 Ion Ratio Lower Upper
 198 100
 51 130.9 12.5 52.5#
 105 220.7 20.2 60.2#



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: 0.05 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

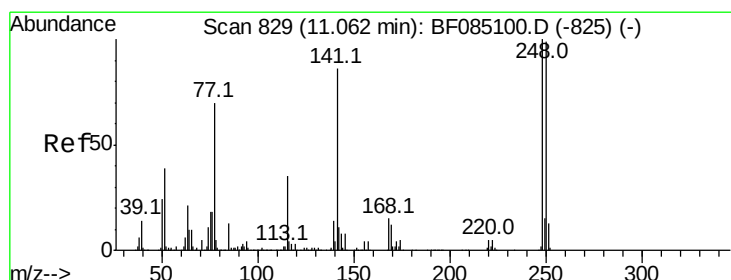
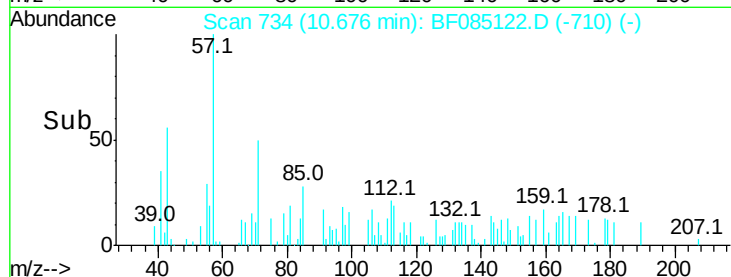
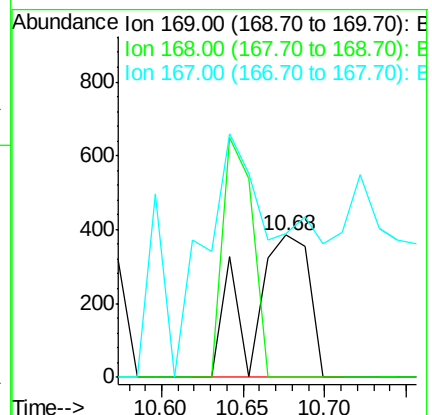
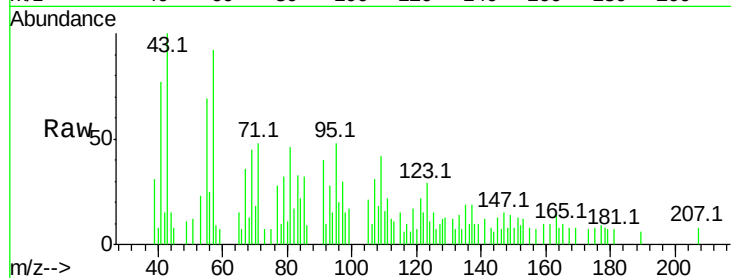
Tot Ion:169 Resp: 953

Ion Ratio Lower Upper

169 100

168 0.0 54.6 81.8#

167 101.0 30.8 46.2#



#66

4-Bromophenyl-phenylether

Concen: 5.64 ng

RT: 10.82 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

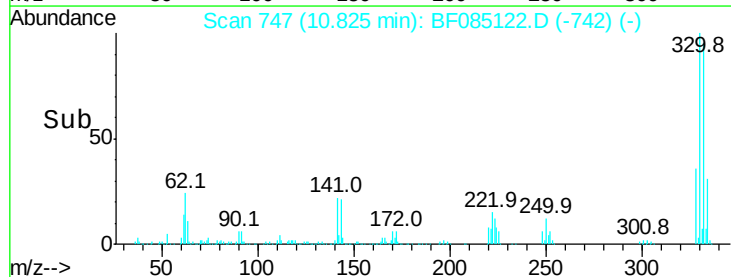
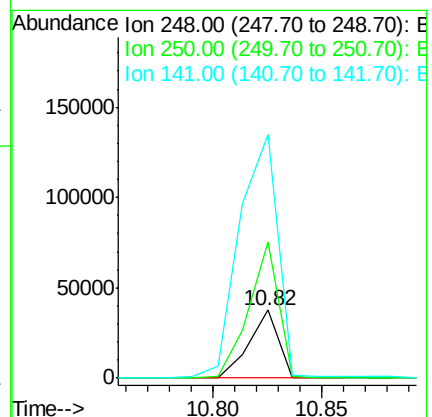
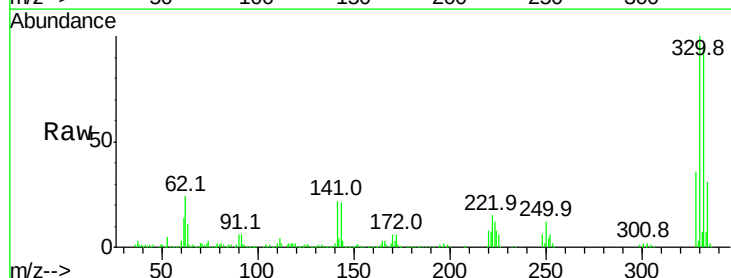
Tgt Ion:248 Resp: 35372

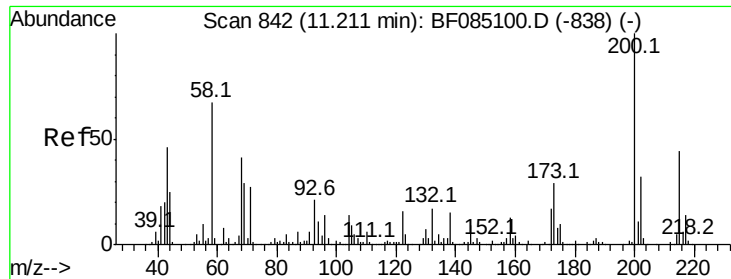
Ion Ratio Lower Upper

248 100

250 200.2 79.0 118.4#

141 359.4 68.6 103.0#

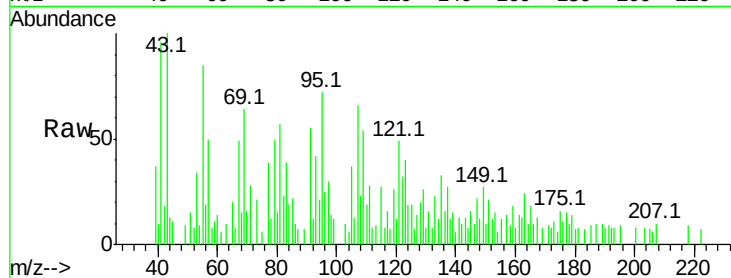




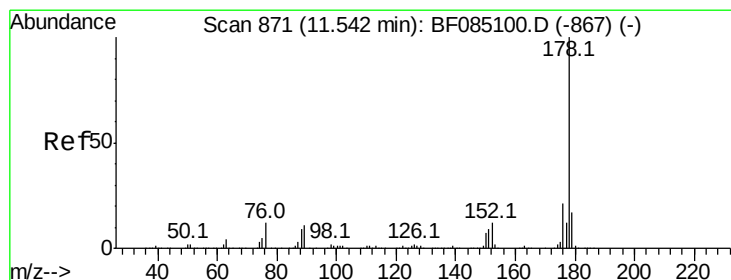
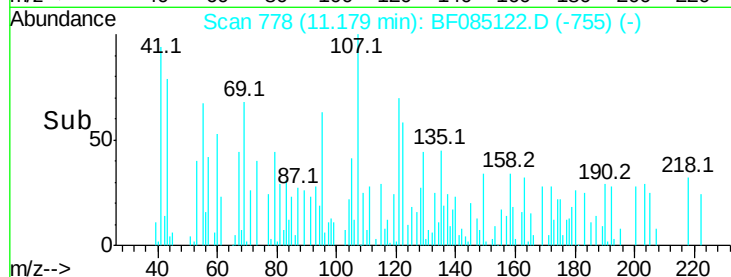
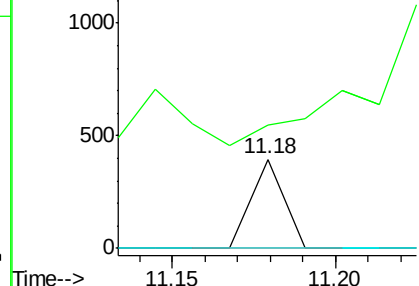
#68
Atrazine
Concen: 0.05 ng
RT: 11.18 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 272
Ion Ratio Lower Upper
200 100
173 137.6 9.4 49.4#
215 0.0 23.6 63.6#

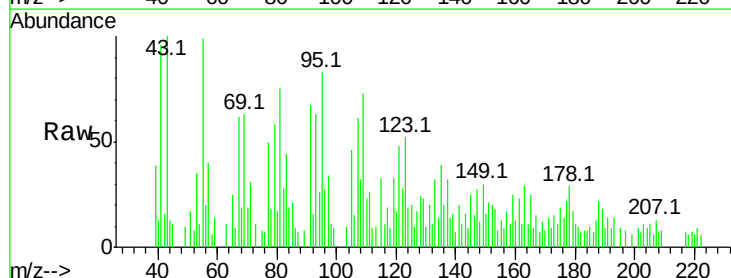


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

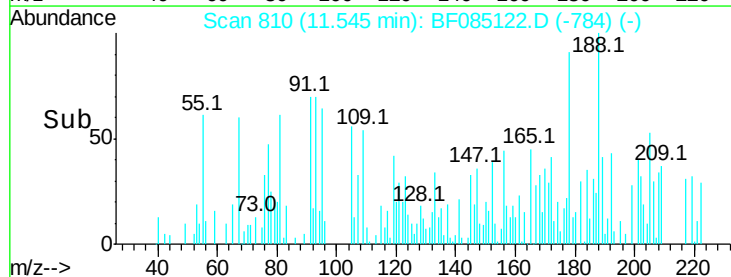
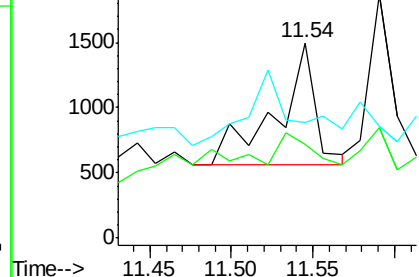


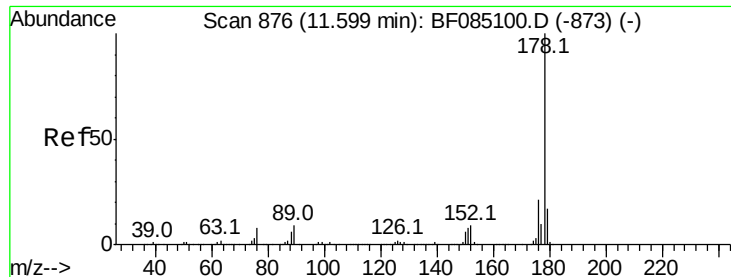
#70
Phenanthrene
Concen: 0.05 ng
RT: 11.54 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Tgt Ion:178 Resp: 1519
Ion Ratio Lower Upper
178 100
176 48.1 17.0 25.6#
179 59.4 13.3 19.9#



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: 0.03 ng

RT: 11.59 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampled :

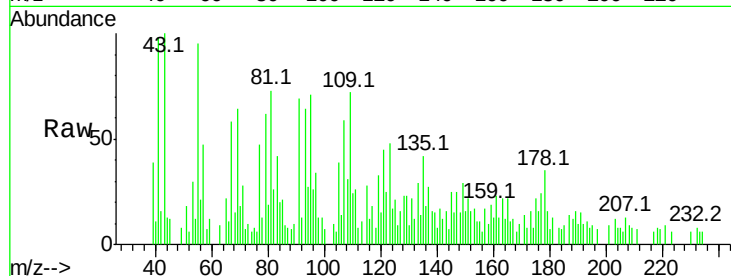
Tot Ion:178 Resp: 1135

Ion Ratio Lower Upper

178 100

176 45.3 16.6 25.0#

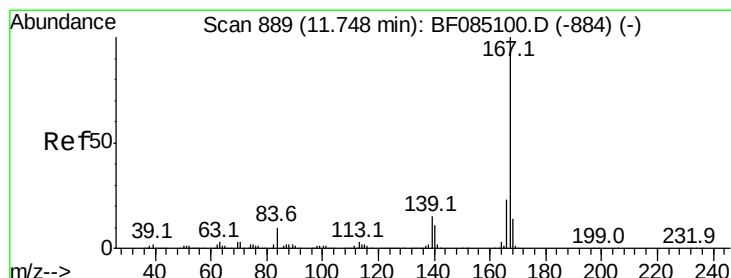
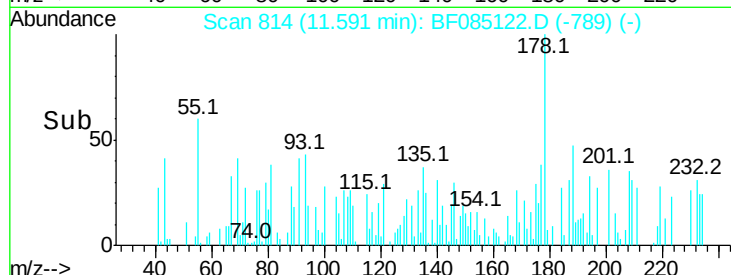
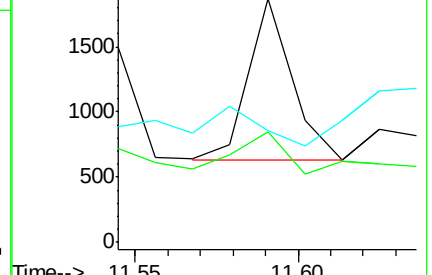
179 46.0 13.2 19.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.04 ng

RT: 11.76 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

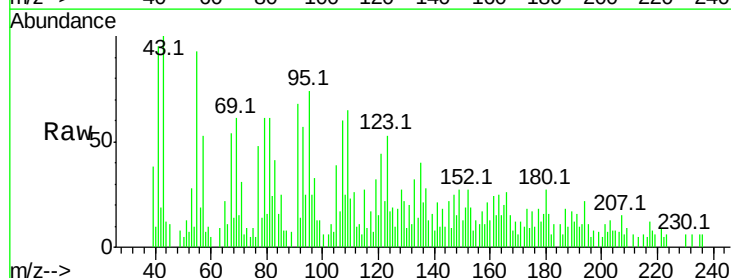
Tgt Ion:167 Resp: 1096

Ion Ratio Lower Upper

167 100

166 175.4 18.6 28.0#

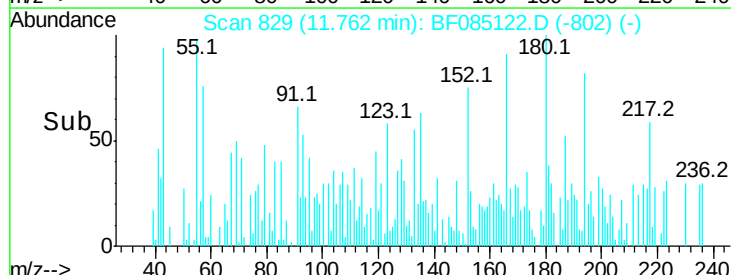
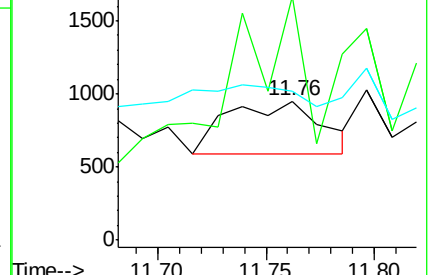
139 107.3 11.8 17.8#

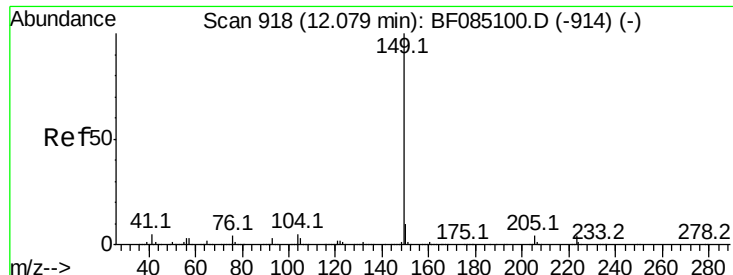


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

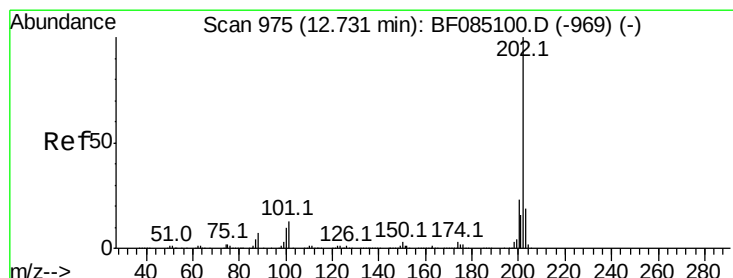
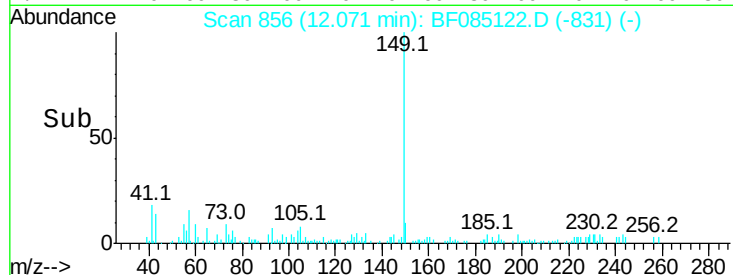
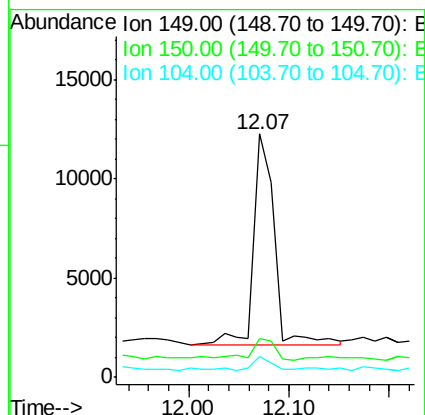
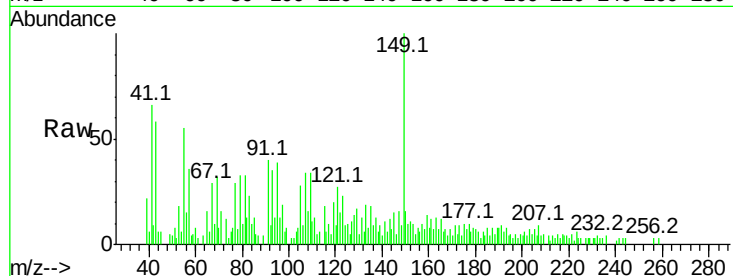




#73
Di-n-butylphthalate
Concen: 0.44 ng
RT: 12.07 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

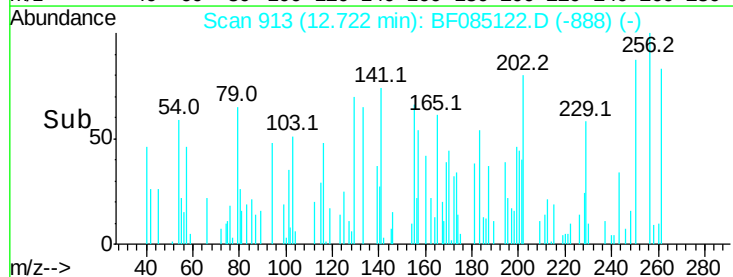
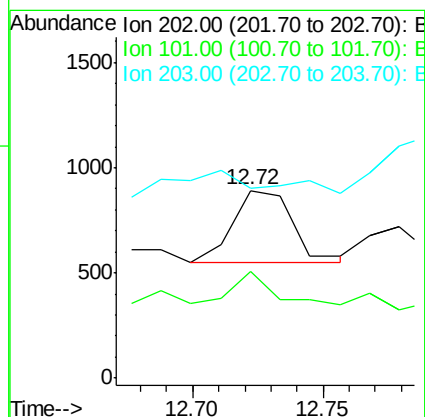
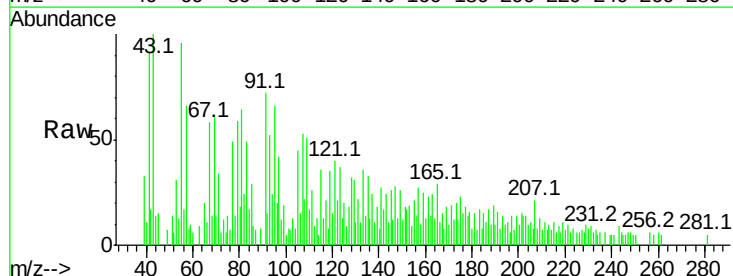
Instrument :
BNA_F
ClientSampleId :

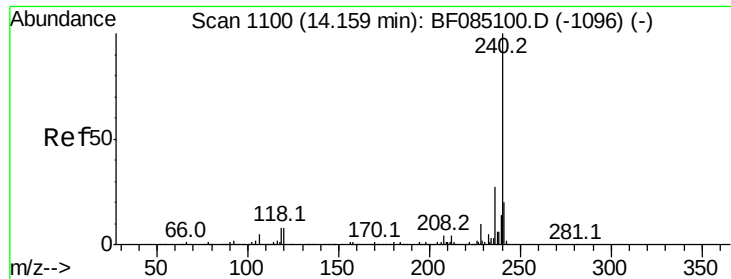
Tot Ion:149 Resp: 15350
Ion Ratio Lower Upper
149 100
150 16.1 7.7 11.5#
104 8.4 3.7 5.5#



#74
Fluoranthene
Concen: 0.02 ng
RT: 12.72 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF085122.D
Acq: 2 Mar 2016 16:33

Tgt Ion:202 Resp: 542
Ion Ratio Lower Upper
202 100
101 57.0 0.0 33.2#
203 101.0 0.0 38.6#

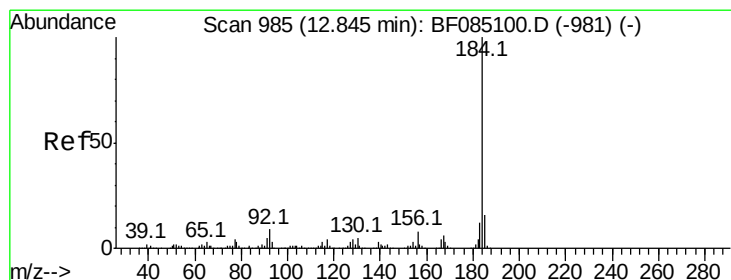
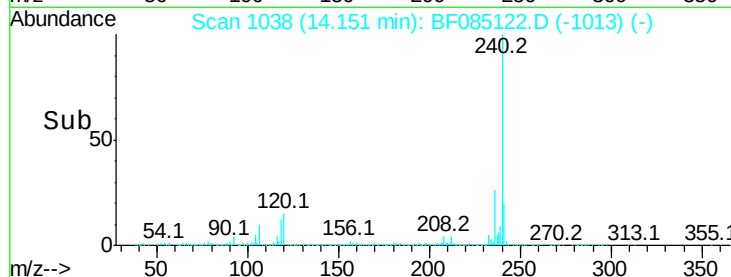
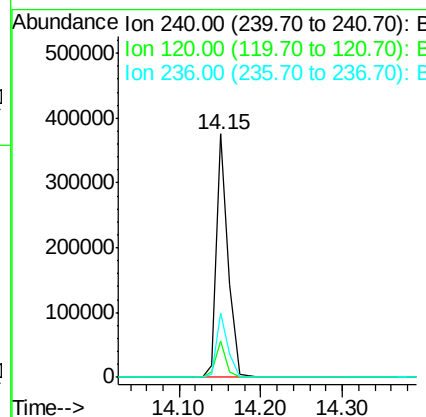
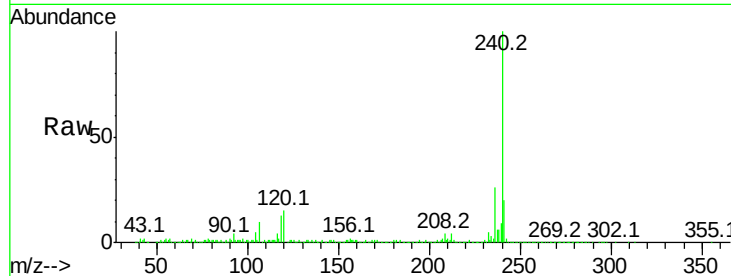




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.15 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

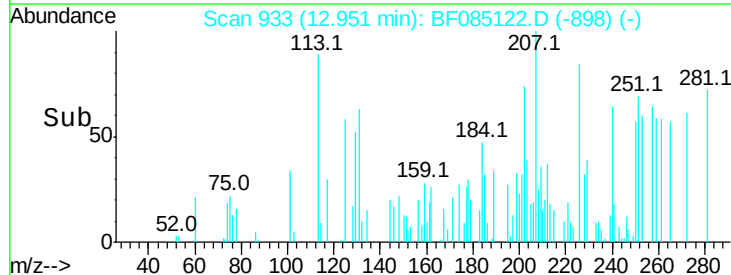
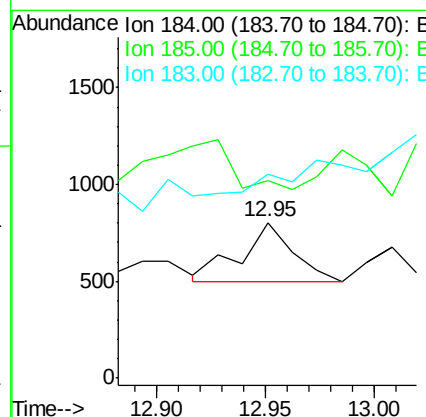
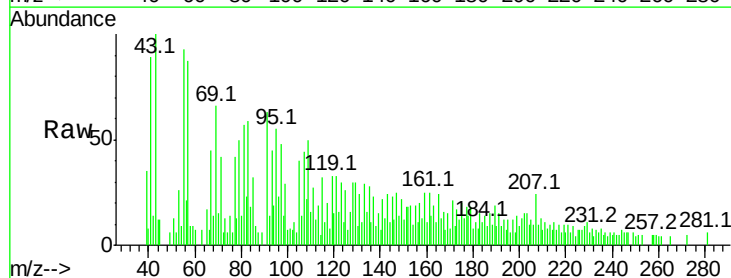
Instrument :
 BNA_F
 ClientSampleId :

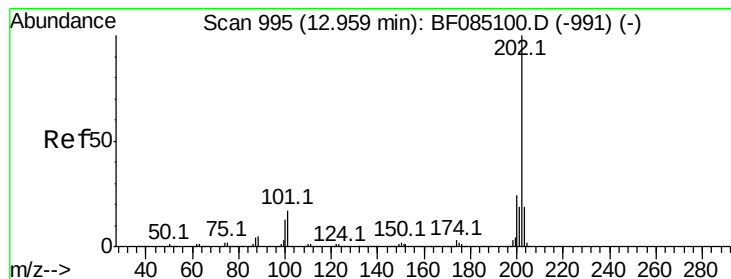
Tot Ion:240 Resp: 375419
 Ion Ratio Lower Upper
 240 100
 120 14.8 6.7 10.1#
 236 26.4 21.6 32.4



#76
 Benzidine
 Concen: 0.05 ng
 RT: 12.95 min Scan# 933
 Delta R.T. 0.11 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

Tgt Ion:184 Resp: 515
 Ion Ratio Lower Upper
 184 100
 185 126.8 12.6 18.8#
 183 131.0 9.5 14.3#





#77

Pvrene

Concen: 0.05 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

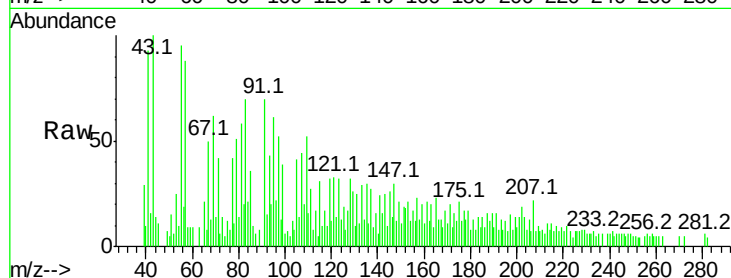
Tot Ion:202 Resp: 1169

Ion Ratio Lower Upper

202 100

200 46.5 19.0 28.6#

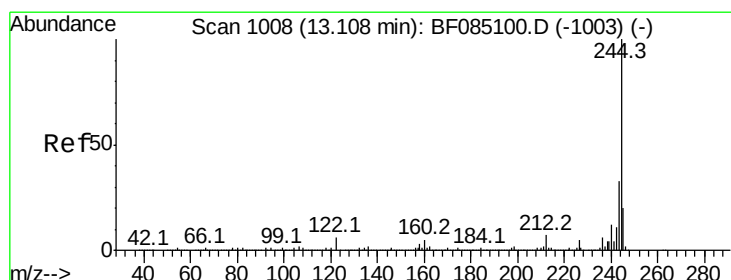
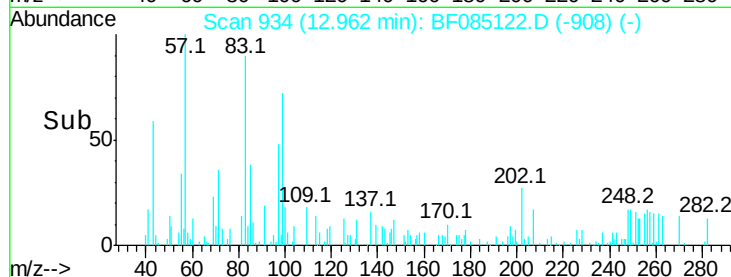
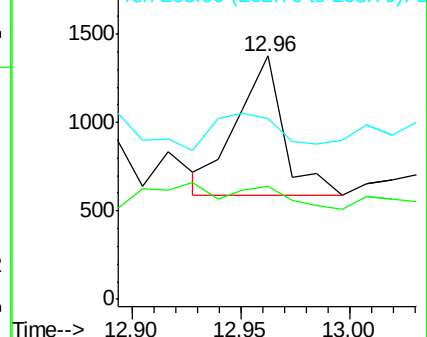
203 74.4 15.0 22.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.28 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

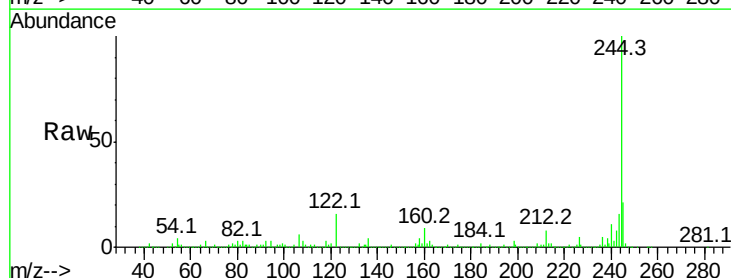
Tgt Ion:244 Resp: 1492806

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

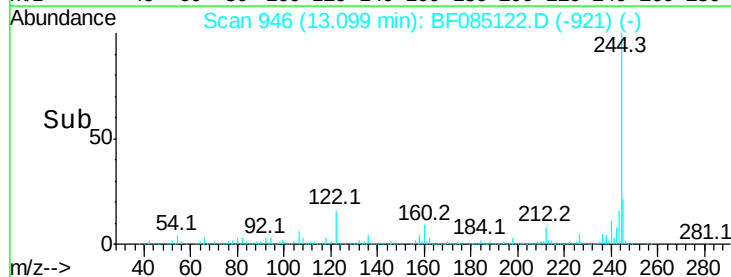
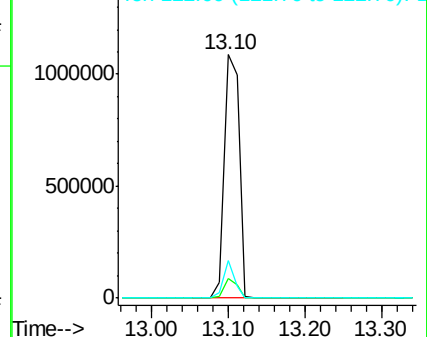
122 15.6 5.1 7.7#

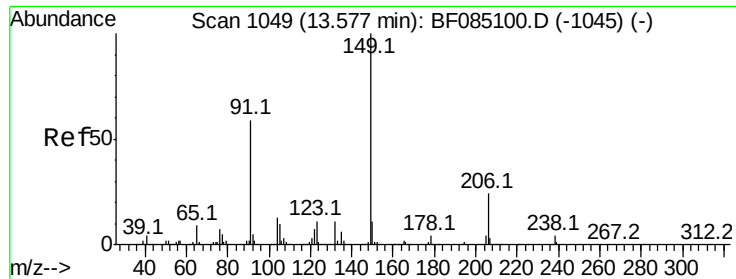


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

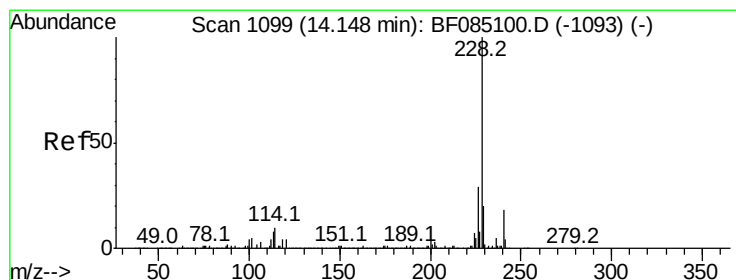
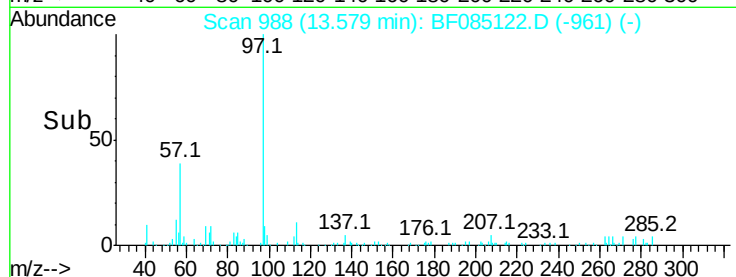
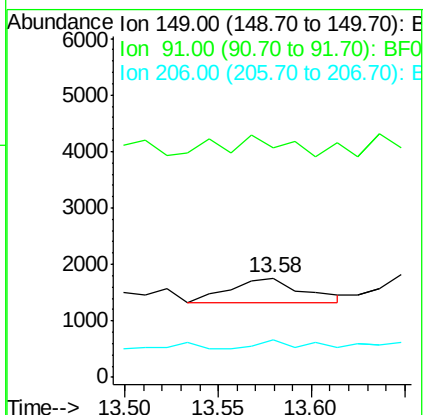
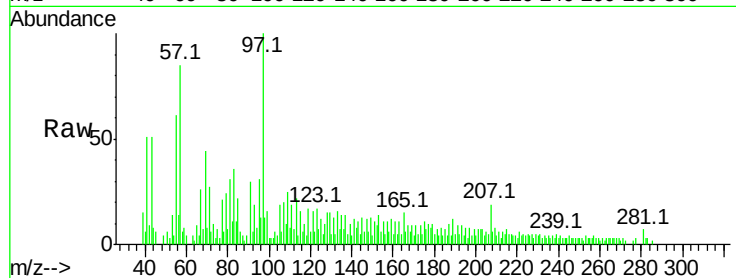




#79
 Butylbenzylphthalate
 Concen: 0.11 ng
 RT: 13.58 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

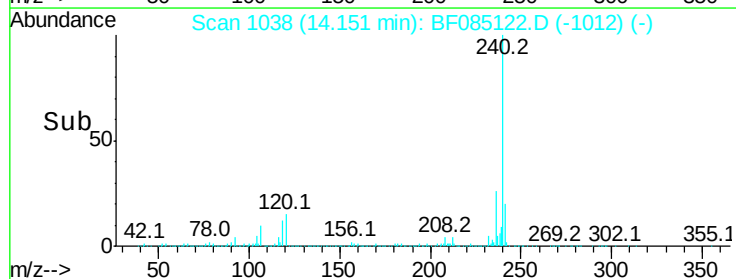
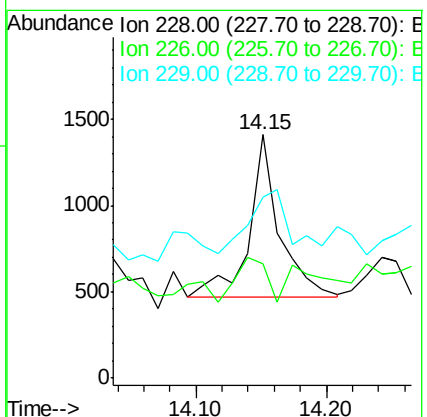
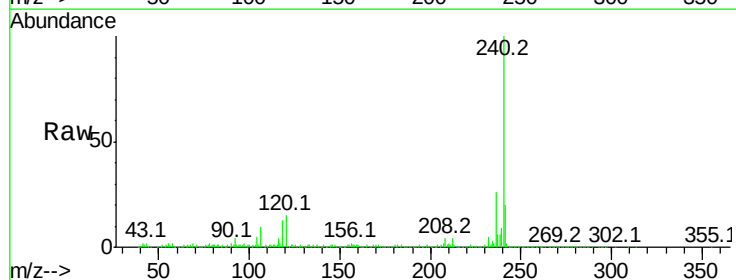
Instrument :
 BNA_F
 ClientSampleId :

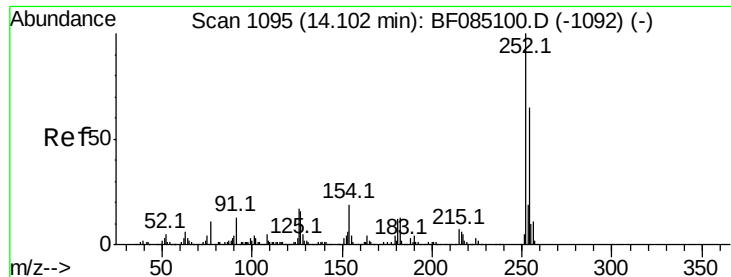
Tot Ion:149 Resp: 1192
 Ion Ratio Lower Upper
 149 100
 91 230.8 46.9 70.3#
 206 37.3 19.0 28.6#



#80
 Benzo(a)anthracene
 Concen: 0.07 ng
 RT: 14.15 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

Tgt Ion:228 Resp: 1513
 Ion Ratio Lower Upper
 228 100
 226 46.8 23.0 34.4#
 229 74.1 16.1 24.1#





#81

3,3'-Dichlorobenzidine

Concen: 0.03 ng

RT: 14.12 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

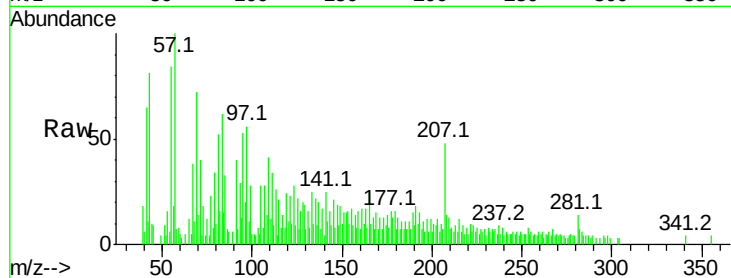
Tot Ion:252 Resp: 222

Ion Ratio Lower Upper

252 100

254 101.3 51.8 77.6#

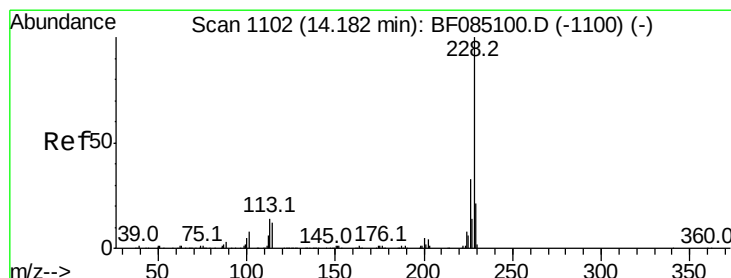
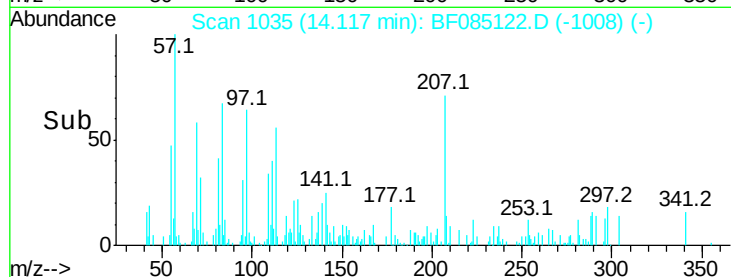
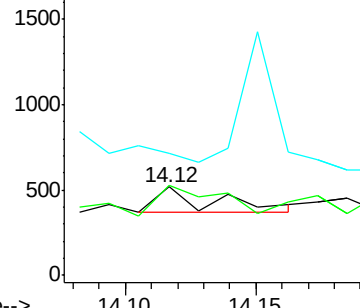
126 136.9 13.2 19.8#



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: 0.08 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

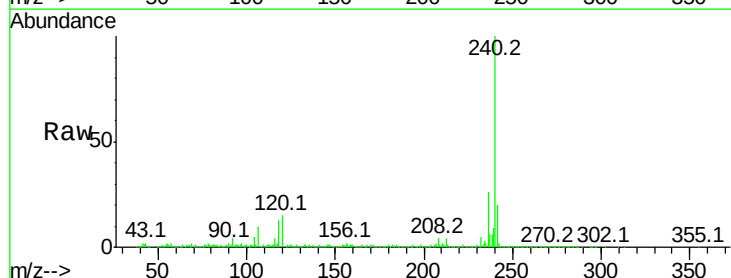
Tgt Ion:228 Resp: 1513

Ion Ratio Lower Upper

228 100

226 46.8 26.2 39.4#

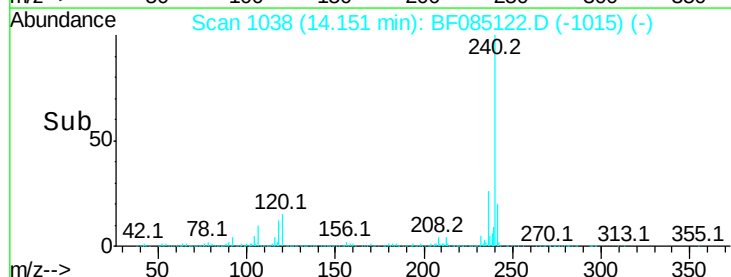
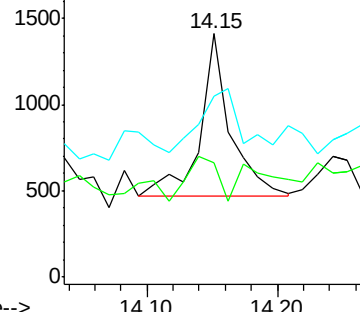
229 74.1 16.5 24.7#

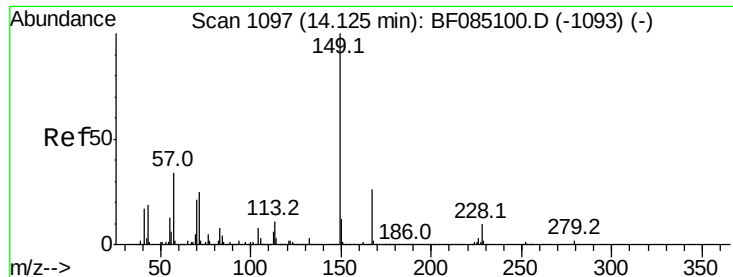


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

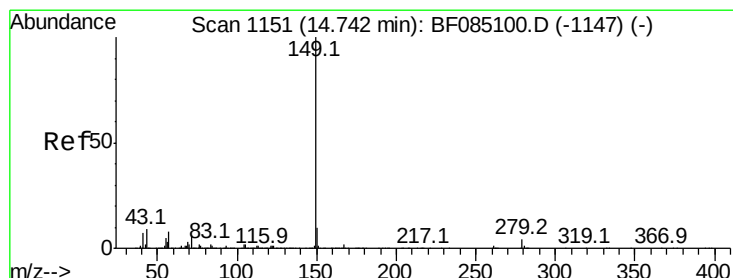
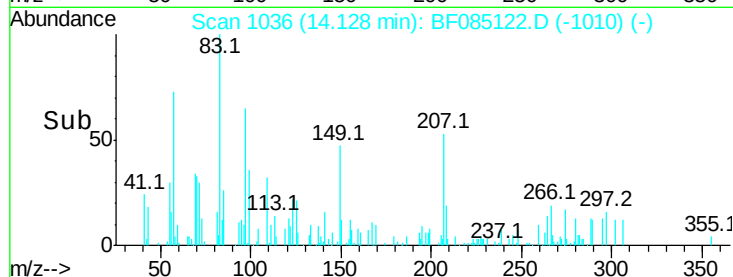
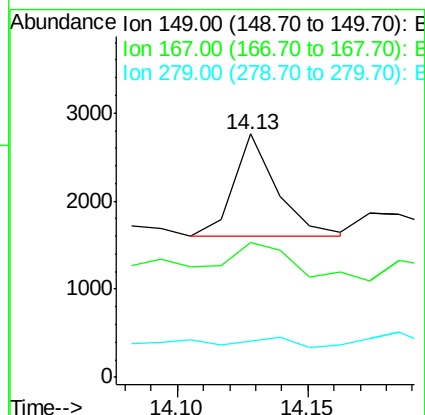
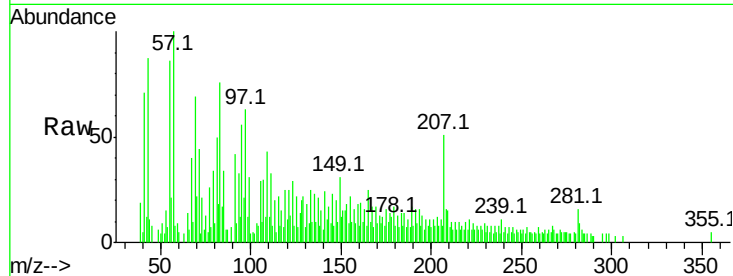




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.11 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

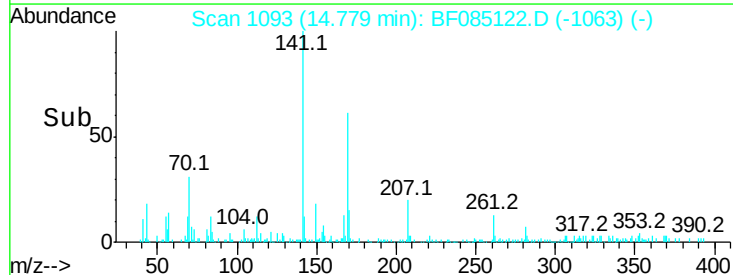
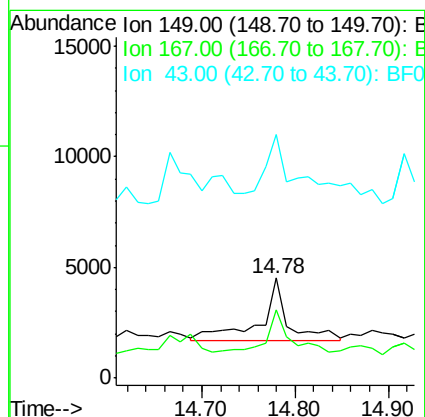
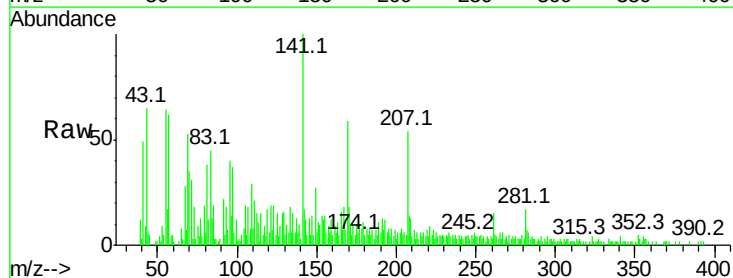
Instrument :
 BNA_F
 ClientSampled :

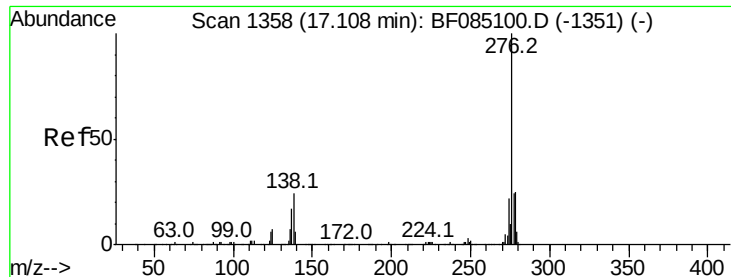
Tot Ion:149 Resp: 1350
 Ion Ratio Lower Upper
 149 100
 167 55.6 20.6 31.0#
 279 15.0 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 0.33 ng
 RT: 14.78 min Scan# 1093
 Delta R.T. 0.04 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

Tgt Ion:149 Resp: 6107
 Ion Ratio Lower Upper
 149 100
 167 55.0 1.2 1.8#
 43 232.5 8.8 13.2#

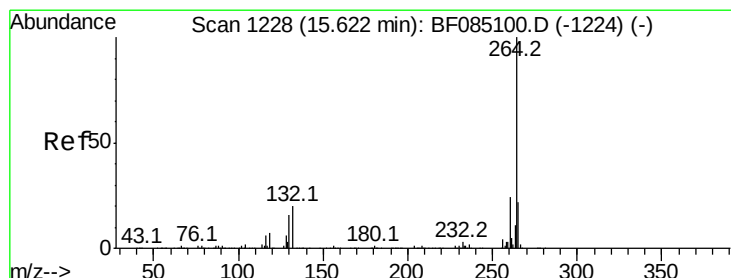
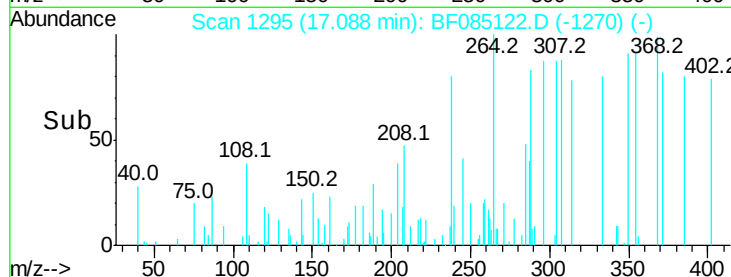
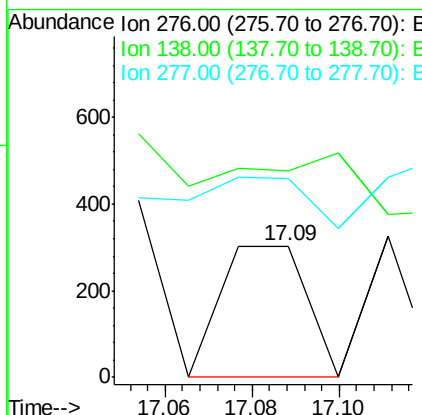
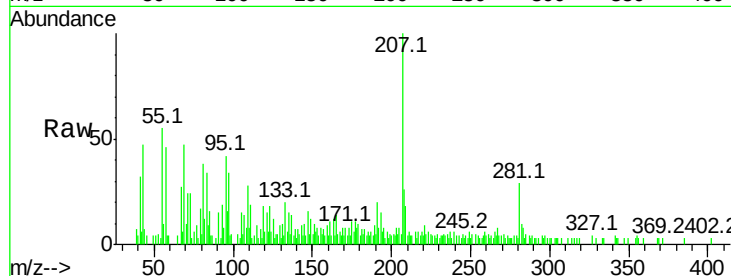




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng
 RT: 17.09 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

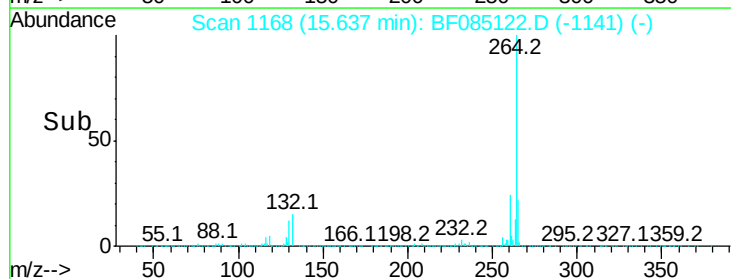
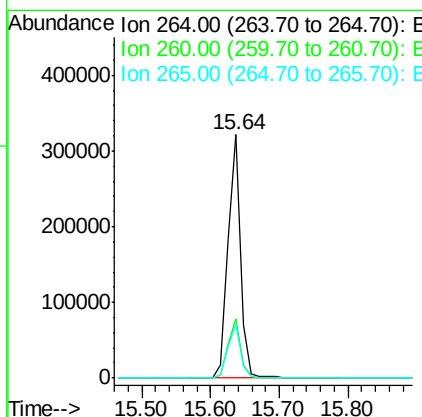
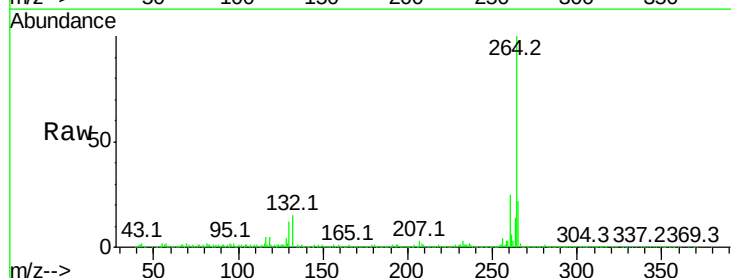
Instrument :
 BNA_F
 ClientSampleId :

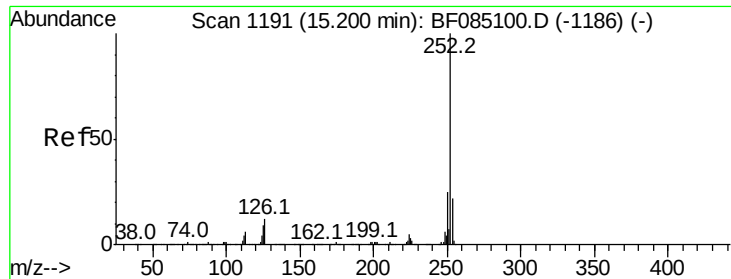
Tot Ion:276 Resp: 415
 Ion Ratio Lower Upper
 276 100
 138 0.0 21.4 32.2#
 277 0.0 20.1 30.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF085122.D
 Acq: 2 Mar 2016 16:33

Tgt Ion:264 Resp: 414663
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 22.4 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 15.17 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

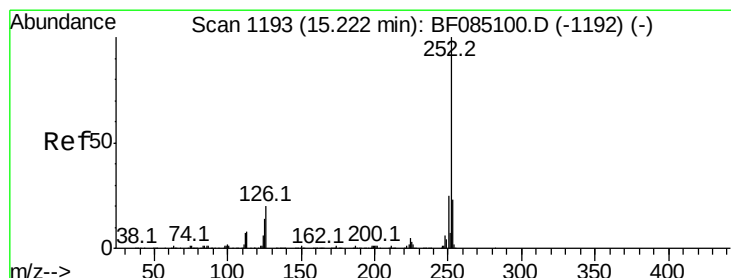
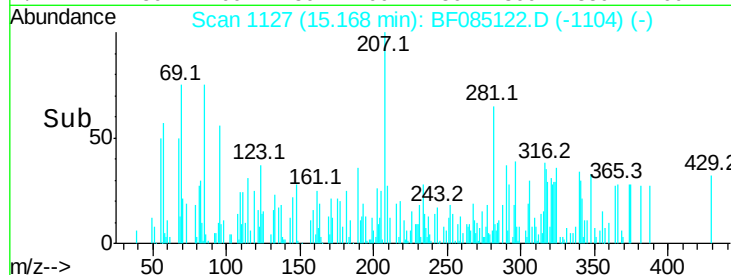
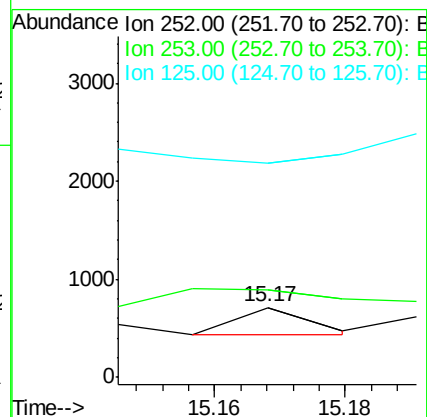
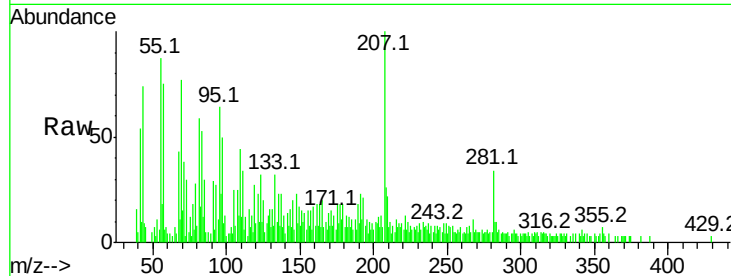
Tot Ion:252 Resp: 206

Ion Ratio Lower Upper

252 100

253 125.7 17.8 26.8#

125 305.8 7.0 10.4#



#88

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 15.17 min Scan# 1127

Delta R.T. -0.05 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

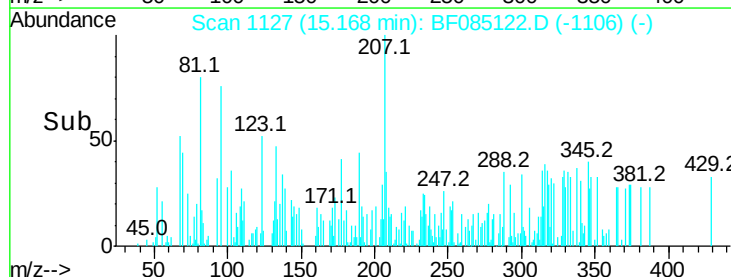
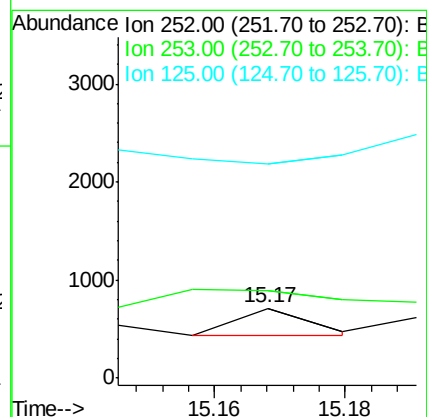
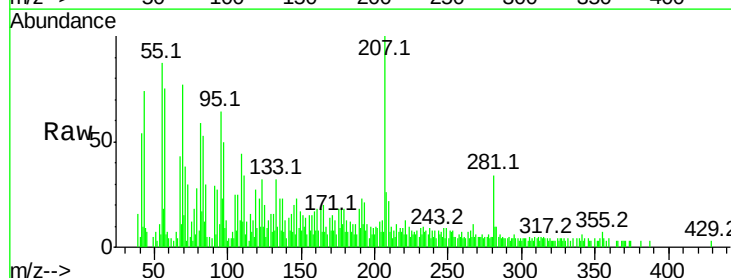
Tgt Ion:252 Resp: 206

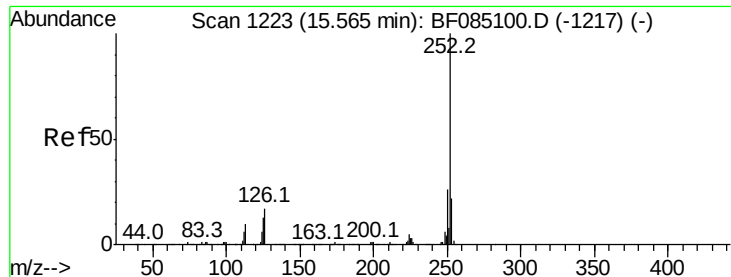
Ion Ratio Lower Upper

252 100

253 125.7 18.2 27.4#

125 305.8 11.1 16.7#





#89

Benzo(a)pyrene

Concen: 0.01 ng

RT: 15.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

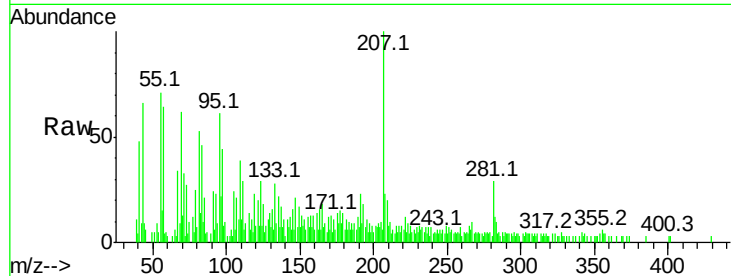
Tot Ion:252 Resp: 209

Ion Ratio Lower Upper

252 100

253 114.8 18.0 27.0#

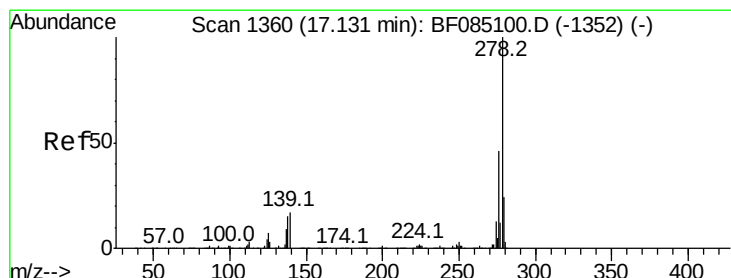
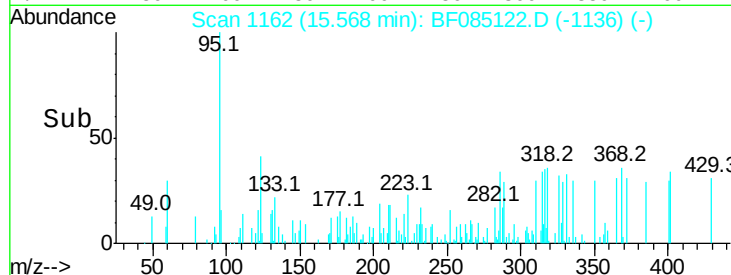
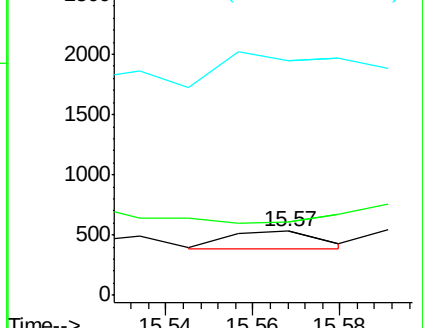
125 366.5 10.2 15.2#



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: 0.03 ng

RT: 17.12 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

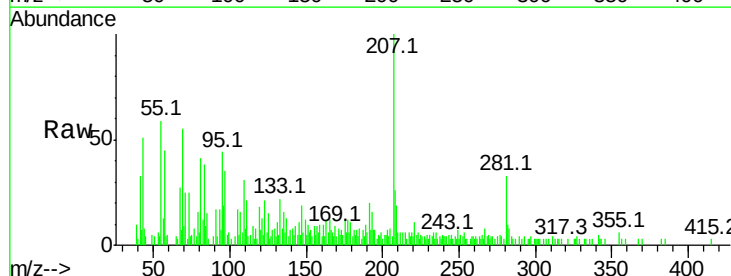
Tgt Ion:278 Resp: 481

Ion Ratio Lower Upper

278 100

139 209.1 13.6 20.4#

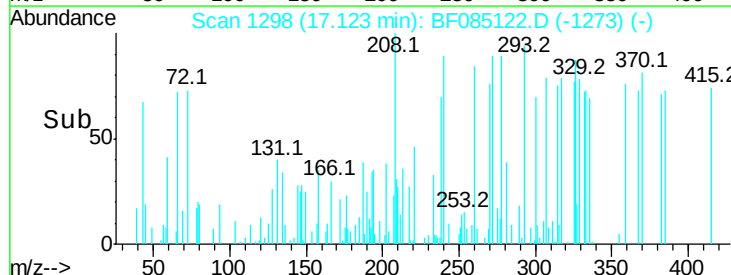
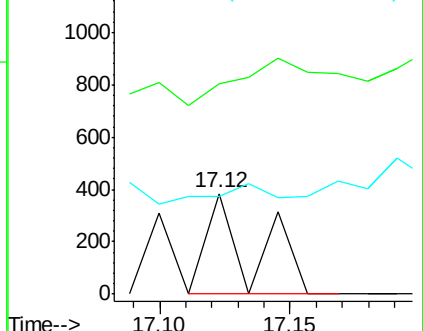
279 97.4 19.3 28.9#

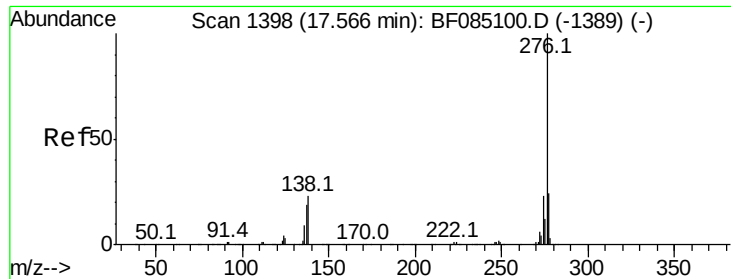


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.15 ng

RT: 17.56 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF085122.D

Acq: 2 Mar 2016 16:33

Instrument :

BNA_F

ClientSampleId :

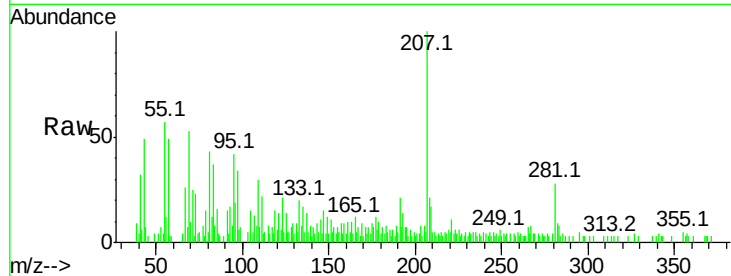
Tot Ion: 276 Resp: 2999

Ion Ratio Lower Upper

276 100

277 79.1 19.0 28.4#

138 120.4 18.1 27.1#



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

