

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084764.D
 Acq On : 3 Feb 2016 1:08
 Operator : SJ/IZ
 Sample : PB88115BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

Quant Time: Feb 03 02:48:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	172336	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	752527	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	346468	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	671233	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	558528	20.00	ng	-0.02
86) Perylene-d12	15.22	264	381511	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	177702	16.06	ng	-0.02
7) Phenol-d6	6.34	99	224574	16.37	ng	-0.03
23) Nitrobenzene-d5	7.26	82	128330	9.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	59495	16.46	ng	-0.03
44) 2-Fluorobiphenyl	9.06	172	259031	8.81	ng	-0.03
78) Terphenyl-d14	12.80	244	279801	11.35	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	23077	4.76	ng	# 68
3) Pyridine	2.97	79	55560	4.40	ng	# 79
4) n-Nitrosodimethylamine	2.84	42	31491	4.82	ng	# 66
6) Aniline	6.35	93	68927	4.11	ng	# 40
8) 2-Chlorophenol	6.48	128	67566	5.39	ng	94
9) Benzaldehyde	6.24	77	27719	3.42	ng	96
10) Phenol	6.35	94	86780	5.65	ng	87
11) bis(2-Chloroethyl)ether	6.43	93	64593	5.39	ng	87
12) 1,3-Dichlorobenzene	6.64	146	68648	5.19	ng	98
13) 1,4-Dichlorobenzene	6.64	146	68648	5.19	ng	93
14) 1,2-Dichlorobenzene	6.86	146	67589	5.49	ng	97
15) Benzyl Alcohol	6.84	79	49374	5.21	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	6.98	45	105093	5.21	ng	86
17) 2-Methylphenol	6.97	107	53132	5.36	ng	98
18) Hexachloroethane	7.21	117	25624	5.03	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	44336	5.16	ng	# 88
20) 3+4-Methylphenols	7.13	107	69656	5.67	ng	89
22) Acetophenone	7.10	105	91055	4.59	ng	97
24) Nitrobenzene	7.28	77	62786	4.39	ng	95
25) Isophorone	7.52	82	114228	4.40	ng	# 93
26) 2-Nitrophenol	7.61	139	28926	4.10	ng	97
27) 2,4-Dimethylphenol	7.65	122	58059	4.73	ng	92
28) bis(2-Chloroethoxy)methane	7.74	93	81928	5.32	ng	98
29) 2,4-Dichlorophenol	7.85	162	53470	5.09	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	58867	4.96	ng	# 94
31) Naphthalene	8.01	128	195409	5.18	ng	96
32) Benzoic acid	7.73	122	20620	2.63	ng	93
33) 4-Chloroaniline	8.06	127	63745	4.08	ng	# 90
34) Hexachlorobutadiene	8.13	225	31457	4.60	ng	98
35) Caprolactam	8.40	113	14873	4.60	ng	# 70
36) 4-Chloro-3-methylphenol	8.54	107	54435	4.54	ng	89
37) 2-Methylnaphthalene	8.69	142	123573	5.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	55820	5.07	ng	97
40) Hexachlorocyclopentadiene	8.85	237	33827	11.91	ng	99

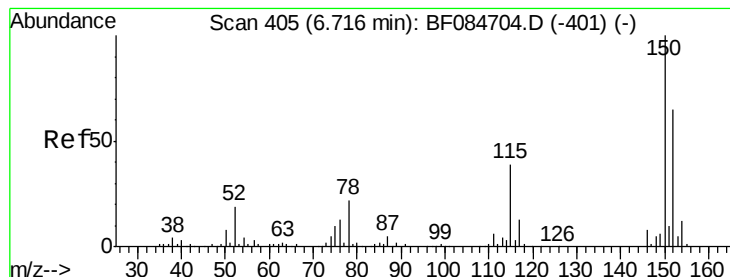
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084764.D
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 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	36096	5.09	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	33191	4.61	ng	94
45) 1,1'-Biphenyl	9.16	154	168922	5.46	ng	98
46) 2-Chloronaphthalene	9.18	162	118209	5.19	ng	# 89
47) 2-Nitroaniline	9.29	65	31819	4.41	ng	# 57
48) Acenaphthylene	9.60	152	189029	5.47	ng	98
49) Dimethylphthalate	9.46	163	128695	4.88	ng	# 90
50) 2,6-Dinitrotoluene	9.53	165	29038	5.04	ng	# 87
51) Acenaphthene	9.77	154	118142	5.25	ng	97
52) 3-Nitroaniline	9.69	138	29844	4.61	ng	92
53) 2,4-Dinitrophenol	9.80	184	15997	11.38	ng	# 83
54) Dibenzofuran	9.94	168	175888	6.40	ng	98
55) 4-Nitrophenol	9.87	139	36213	7.61	ng	93
56) 2,4-Dinitrotoluene	9.93	165	41476	5.64	ng	94
57) Fluorene	10.28	166	140664	6.13	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	29122	5.31	ng	# 87
59) Diethylphthalate	10.17	149	135285	5.25	ng	96
60) 4-Chlorophenyl-phenylether	10.28	204	60004	Below Cal		# 84
61) 4-Nitroaniline	10.29	138	29650	4.70	ng	93
62) Azobenzene	10.43	77	138656	5.60	ng	86
64) 4,6-Dinitro-2-methylphenol	10.33	198	12691	3.06	ng	# 24
65) n-Nitrosodiphenylamine	10.40	169	120953	5.67	ng	96
66) 4-Bromophenyl-phenylether	10.76	248	37198	5.02	ng	# 78
67) Hexachlorobenzene	10.83	284	41252	5.11	ng	# 83
68) Atrazine	10.92	200	36056	5.36	ng	97
69) Pentachlorophenol	11.02	266	25271	6.66	ng	97
70) Phenanthrene	11.24	178	194990	5.24	ng	99
71) Anthracene	11.29	178	217040	5.79	ng	98
72) Carbazole	11.45	167	184386	5.64	ng	97
73) Di-n-butylphthalate	11.79	149	215313	5.17	ng	100
74) Fluoranthene	12.42	202	210654	5.59	ng	96
76) Benzidine	12.54	184	60779	8.95	ng	97
77) Pyrene	12.65	202	214964	5.03	ng	98
79) Butylbenzylphthalate	13.28	149	83106	4.28	ng	96
80) Benzo(a)anthracene	13.84	228	168570	4.86	ng	99
81) 3,3'-Dichlorobenzidine	13.80	252	36493	2.97	ng	# 94
82) Chrysene	13.87	228	161056	4.79	ng	97
83) Bis(2-ethylhexyl)phthalate	13.84	149	108370	4.49	ng	# 97
84) Di-n-octyl phthalate	14.45	149	167308	4.20	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.51	276	103201	3.90	ng	98
87) Benzo(b)fluoranthene	14.87	252	247876	9.67	ng	97
88) Benzo(k)fluoranthene	14.87	252	247876	11.70	ng	# 94
89) Benzo(a)pyrene	15.16	252	106610	4.88	ng	# 96
90) Dibenzo(a,h)anthracene	16.52	278	88317	4.80	ng	96
91) Benzo(g,h,i)perylene	16.90	276	91528	4.94	ng	96

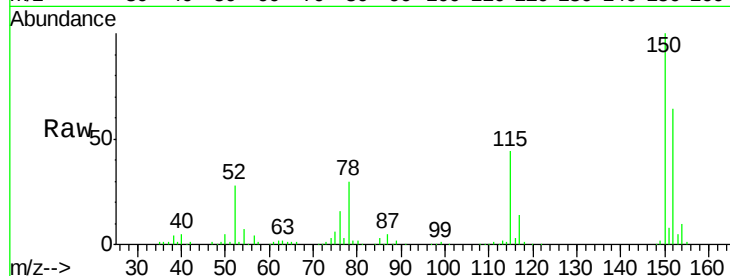
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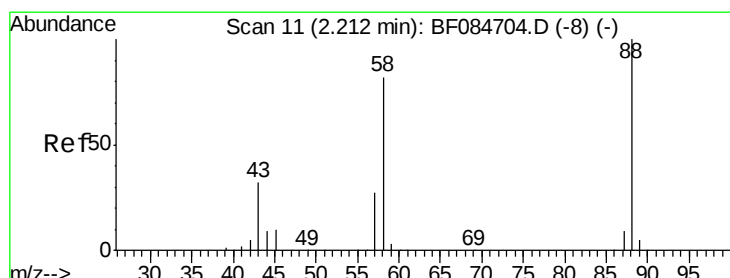
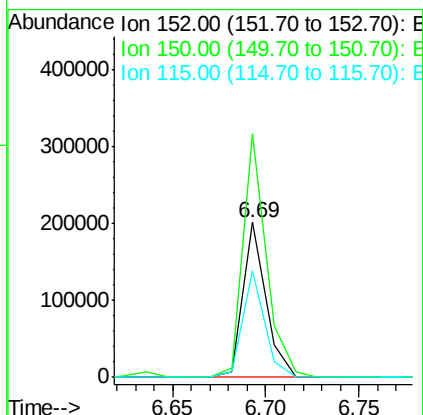
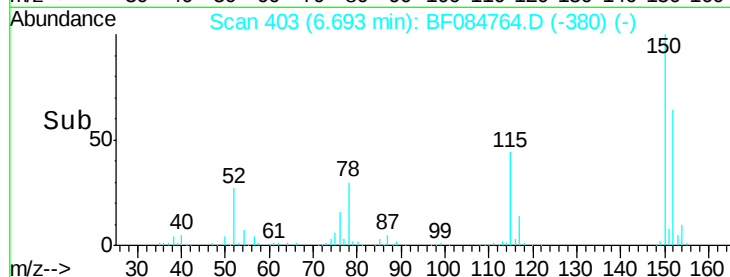
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

Tgt Ion: 152 Resp: 172336
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.0 184.4
 115 69.0 51.4 77.2

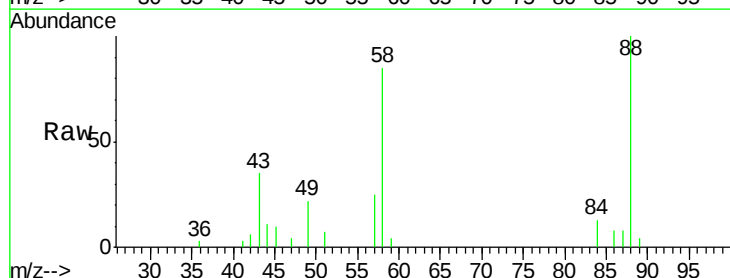


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

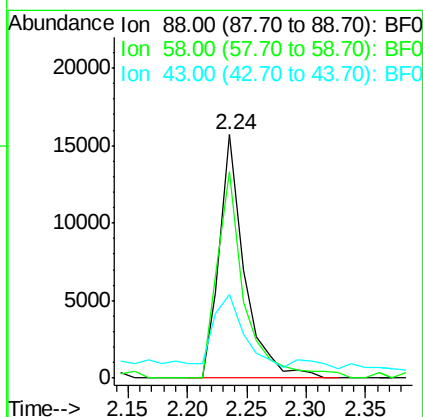
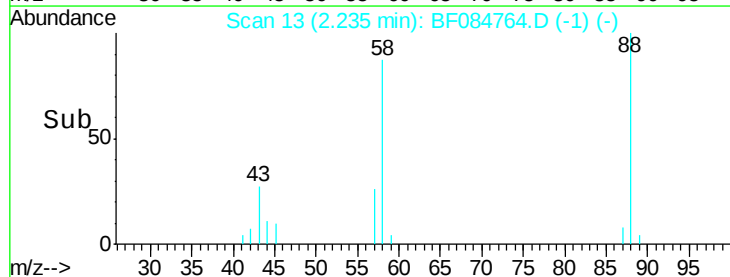


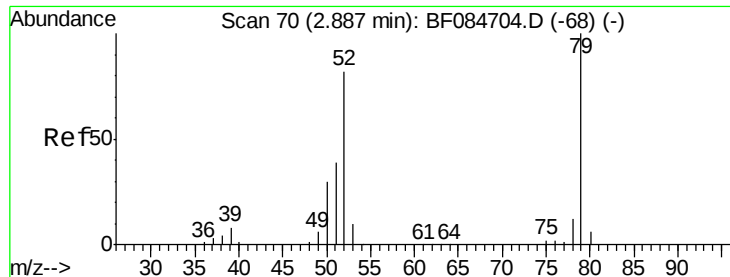
#2
 1,4-Dioxane
 Concen: 4.76 ng
 RT: 2.24 min Scan# 13
 Delta R.T. 0.01 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion: 88 Resp: 23077
 Ion Ratio Lower Upper
 88 100
 58 91.6 51.2 76.8#
 43 35.5 19.5 29.3#



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





#3

Pyridine

Concen: 4.40 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.06 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

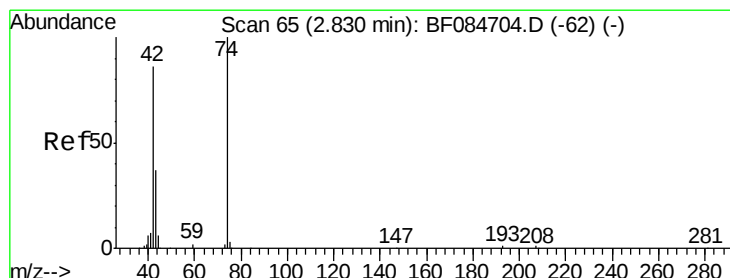
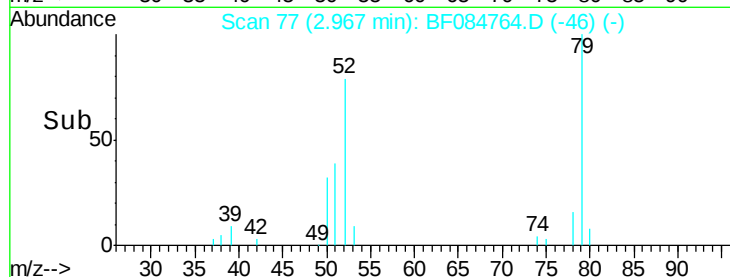
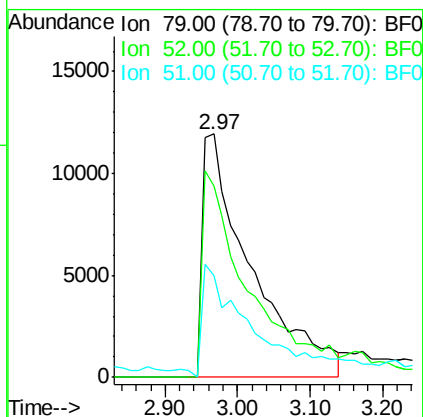
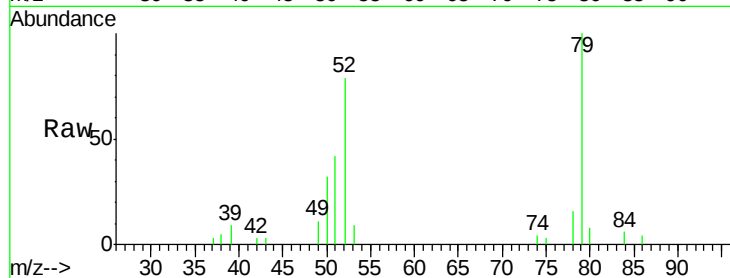
Tgt Ion: 79 Resp: 55560

Ion Ratio Lower Upper

79 100

52 78.6 49.0 73.4#

51 41.7 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 4.82 ng

RT: 2.84 min Scan# 66

Delta R.T. -0.01 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

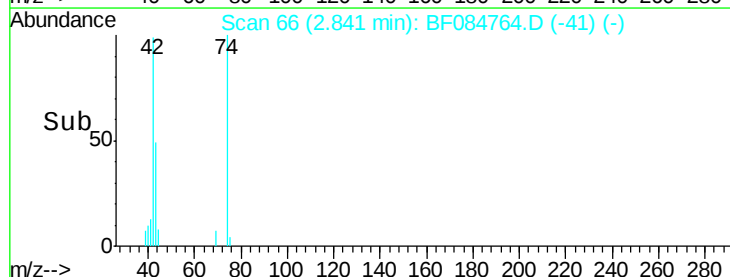
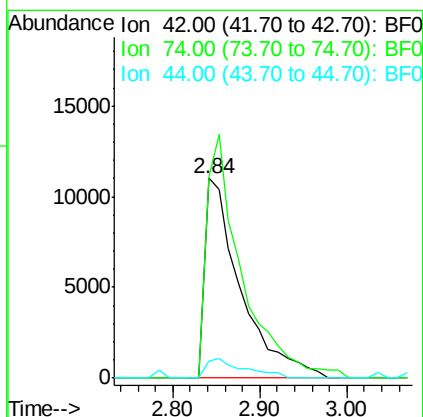
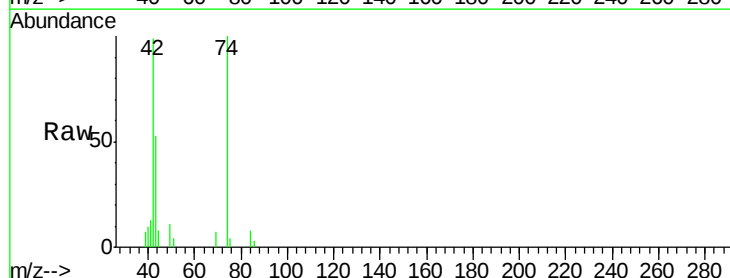
Tgt Ion: 42 Resp: 31491

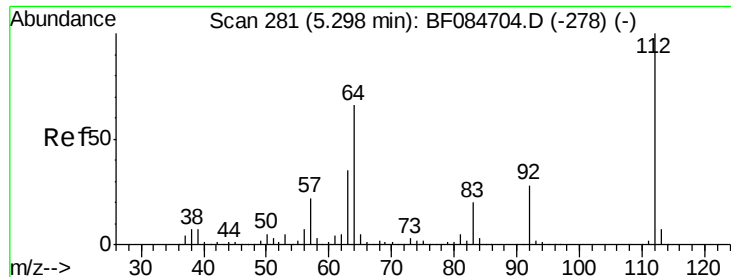
Ion Ratio Lower Upper

42 100

74 100.6 115.7 173.5#

44 8.5 5.1 7.7#





#5

2-Fluorophenol

Concen: 16.06 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

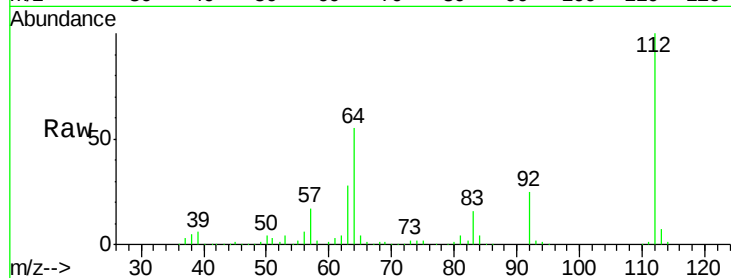
Tgt Ion: 112 Resp: 177702

Ion Ratio Lower Upper

112 100

64 55.4 36.6 55.0#

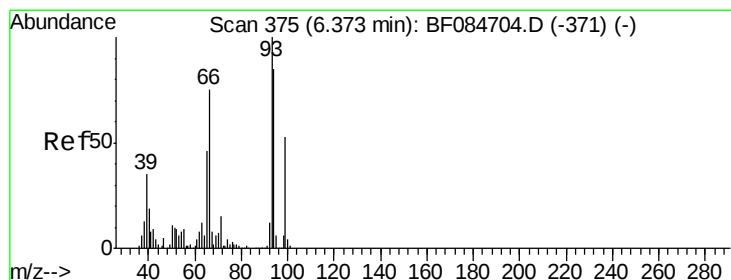
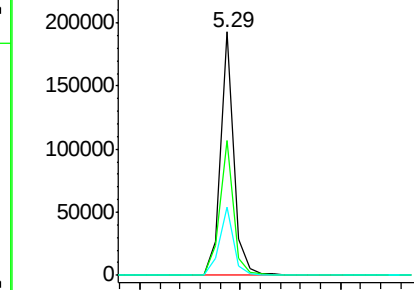
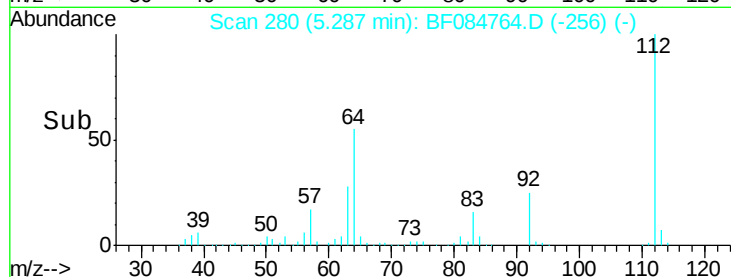
63 27.8 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.11 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

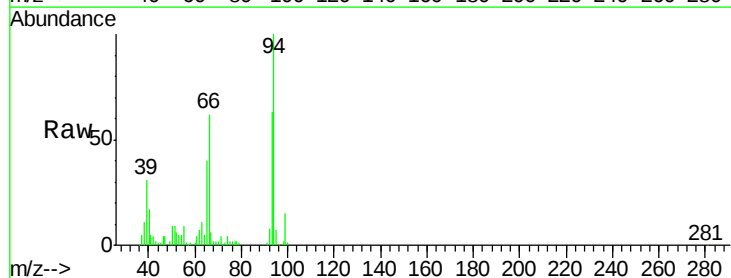
Tgt Ion: 93 Resp: 68927

Ion Ratio Lower Upper

93 100

66 98.7 44.9 67.3#

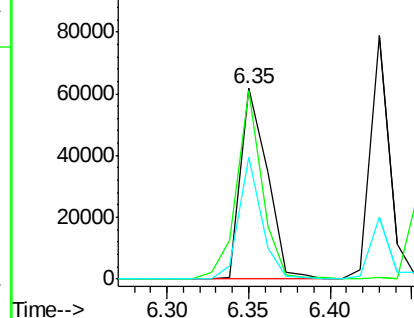
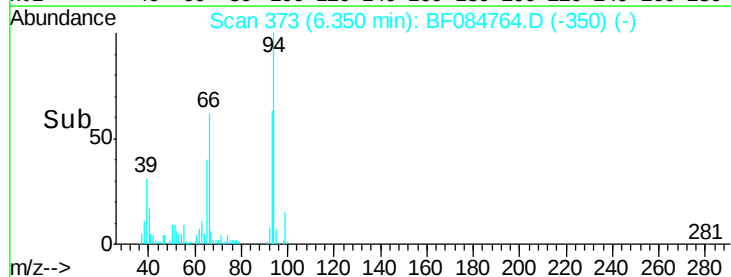
65 63.9 23.7 35.5#

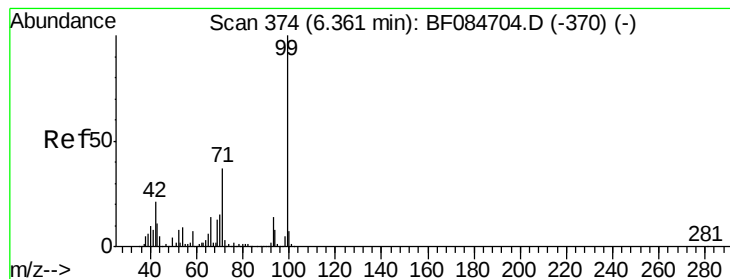


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 16.37 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

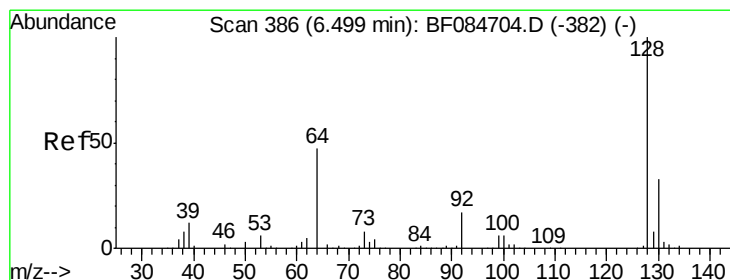
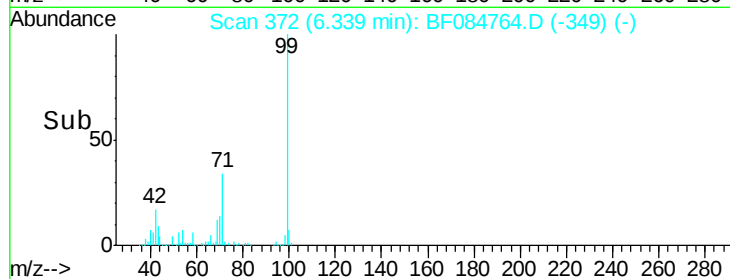
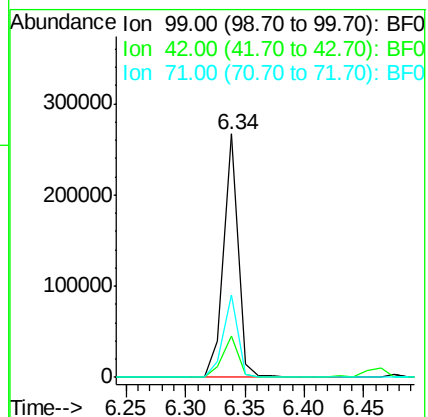
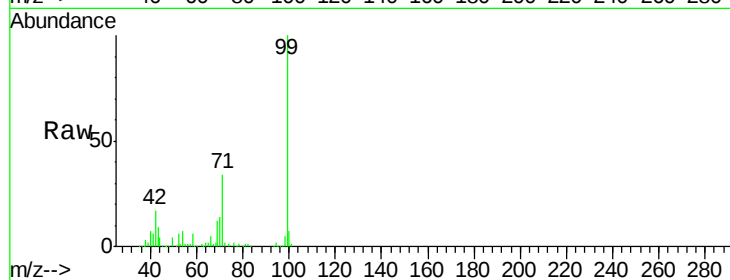
Tgt Ion: 99 Resp: 224574

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

71 33.6 30.9 46.3



#8

2-Chlorophenol

Concen: 5.39 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

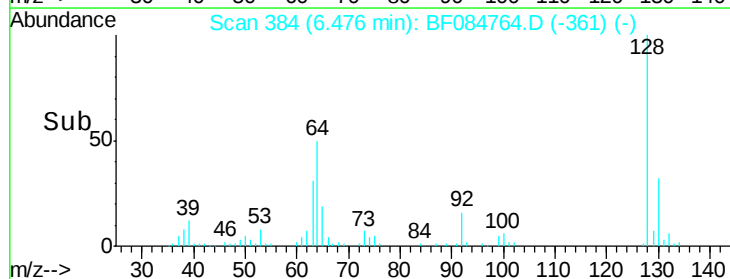
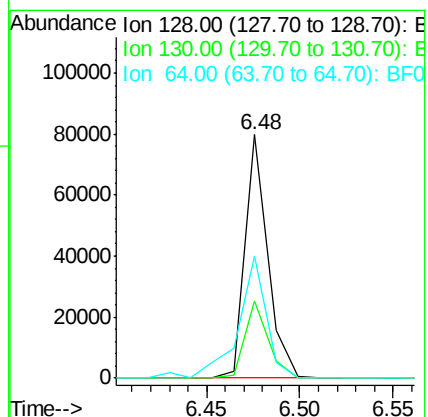
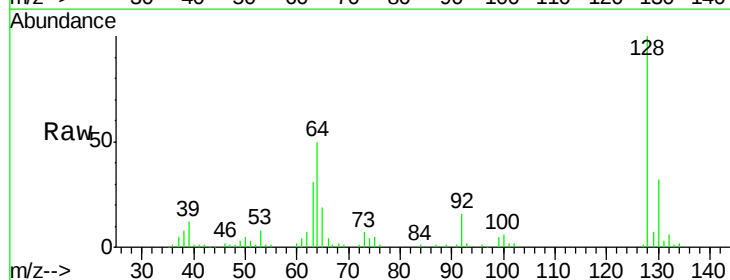
Tgt Ion: 128 Resp: 67566

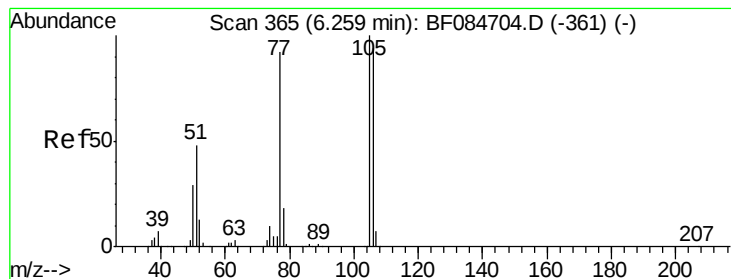
Ion Ratio Lower Upper

128 100

130 31.9 11.6 51.6

64 49.9 23.8 63.8





#9

Benzaldehyde

Concen: 3.42 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

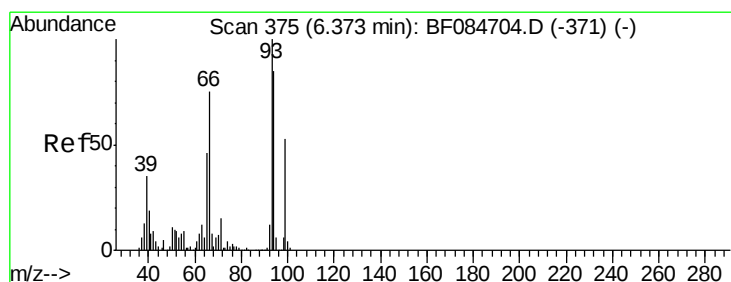
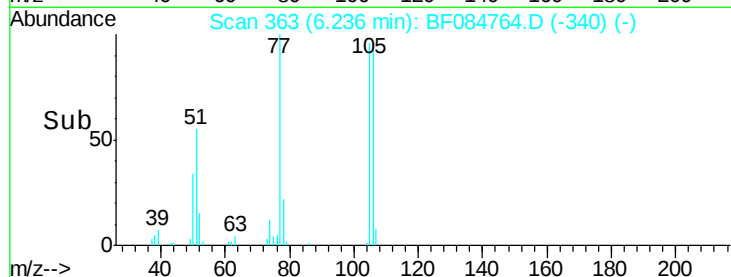
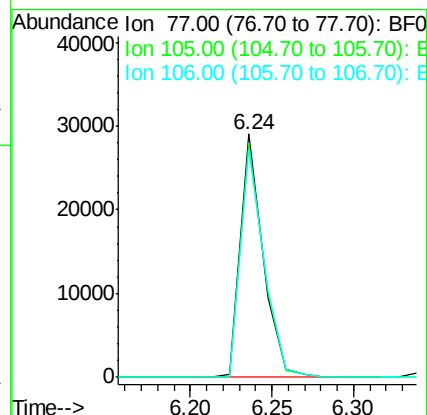
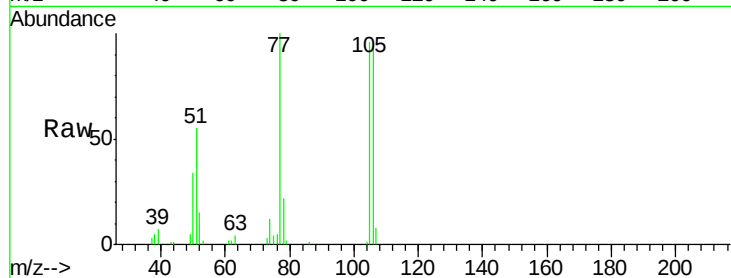
Tgt Ion: 77 Resp: 27719

Ion Ratio Lower Upper

77 100

105 96.4 83.0 123.0

106 93.8 74.6 114.6



#10

Phenol

Concen: 5.65 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

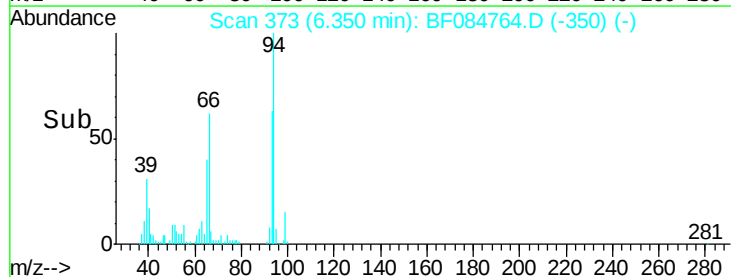
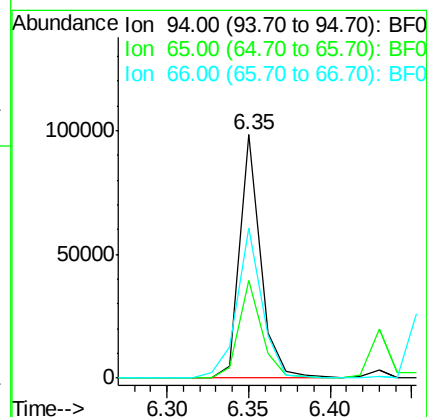
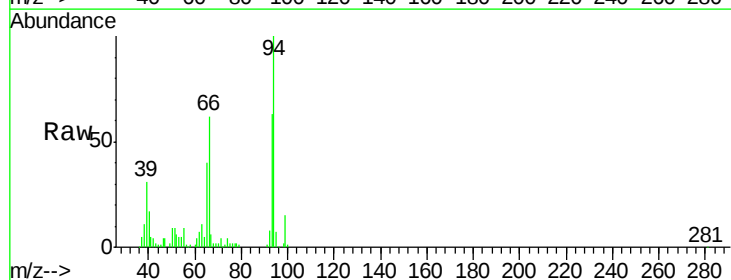
Tgt Ion: 94 Resp: 86780

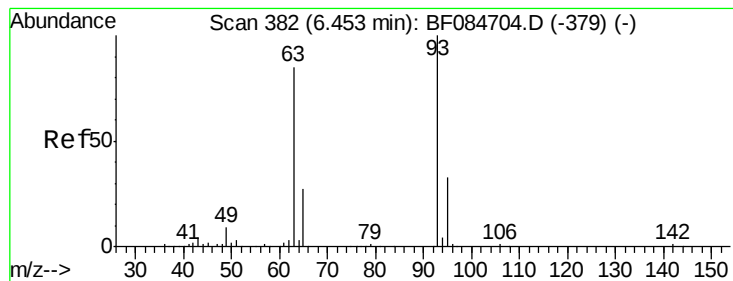
Ion Ratio Lower Upper

94 100

65 40.1 12.9 52.9

66 61.9 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 5.39 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleID :

PB88115BS

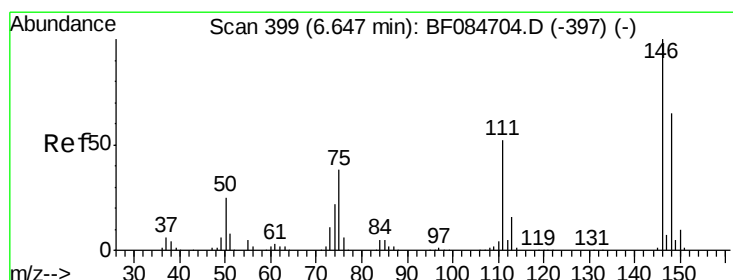
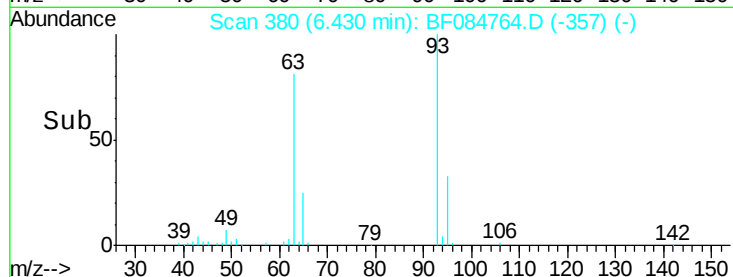
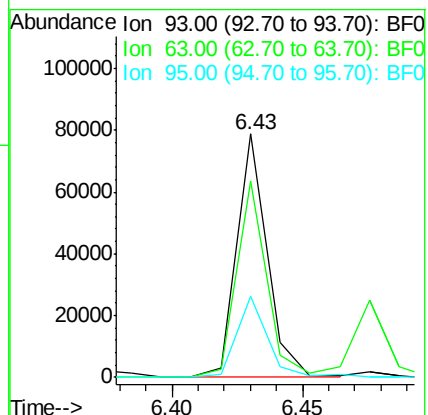
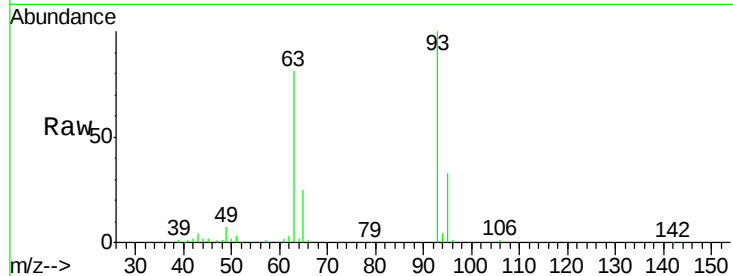
Tgt Ion: 93 Resp: 64593

Ion Ratio Lower Upper

93 100

63 80.8 45.9 85.9

95 33.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 5.19 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

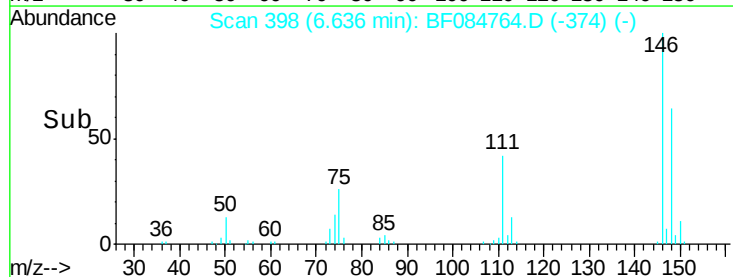
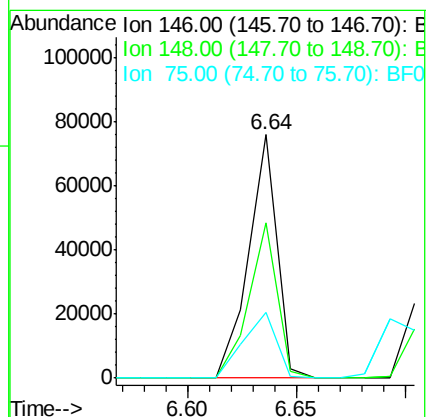
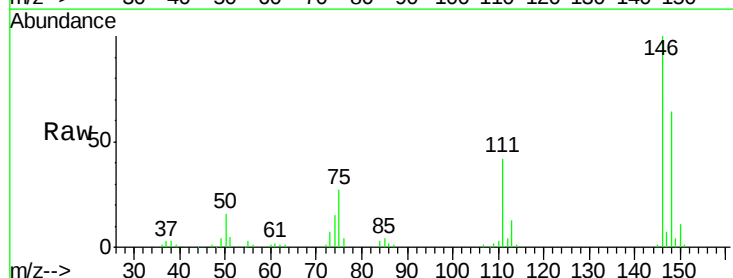
Tgt Ion: 146 Resp: 68648

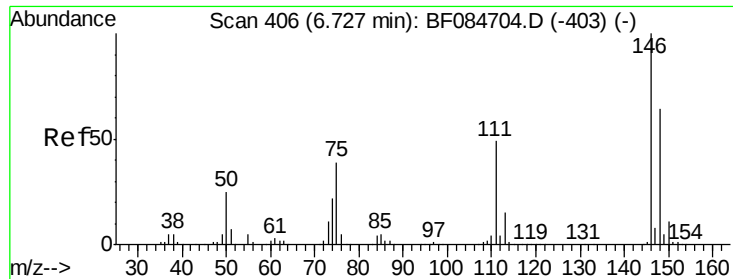
Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

75 26.8 20.5 30.7

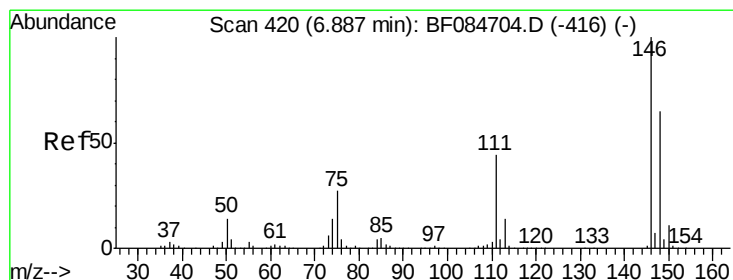
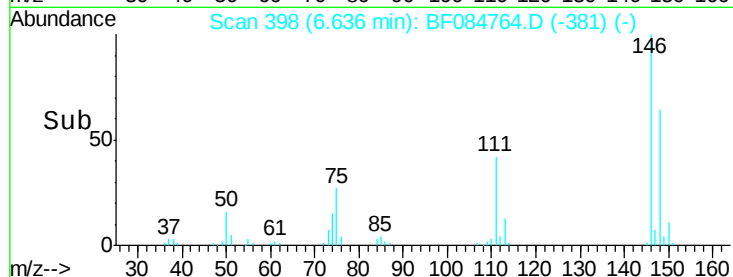
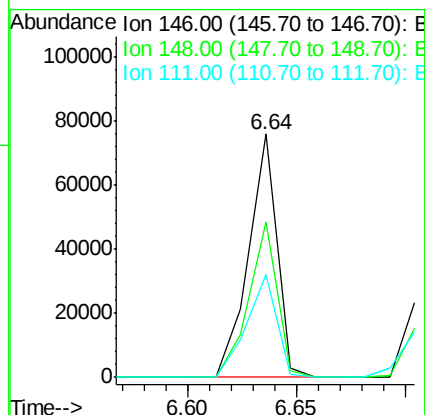
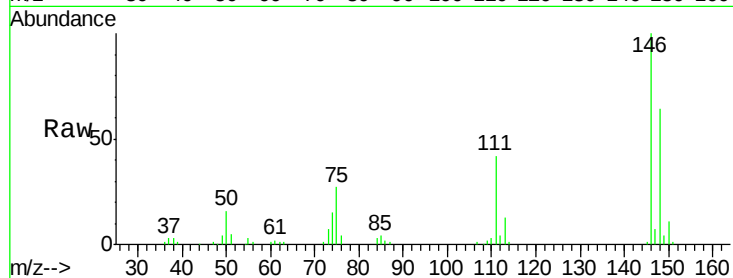




#13
 1,4-Dichlorobenzene
 Concen: 5.19 ng
 RT: 6.64 min Scan# 398
 Delta R.T. -0.10 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

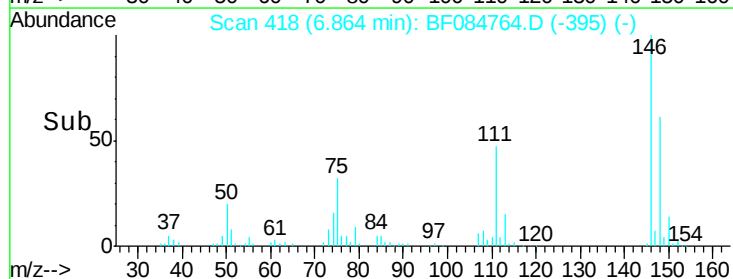
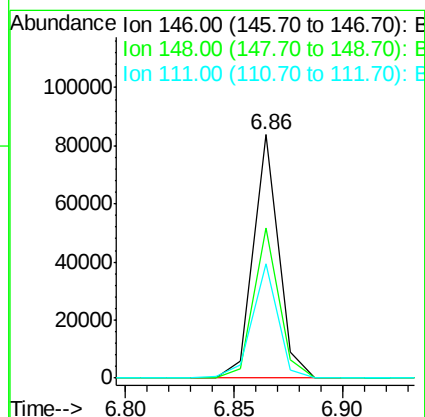
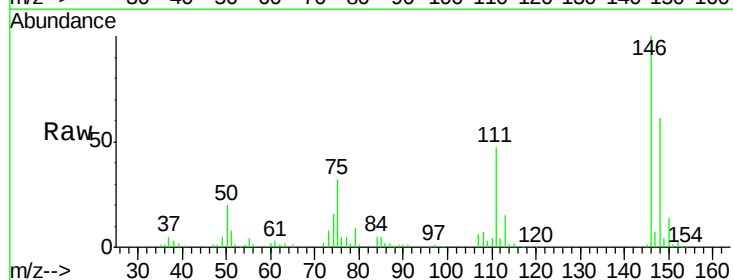
Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

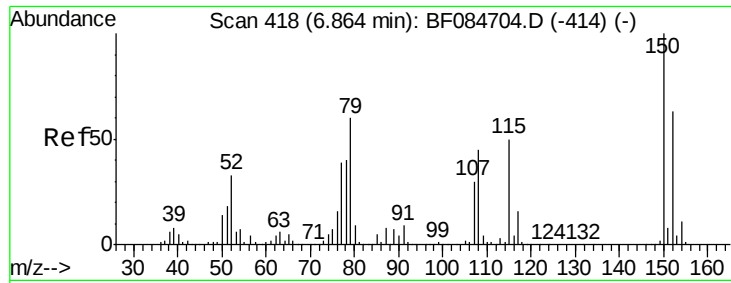
Tgt Ion:146 Resp: 68648
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 42.1 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 5.49 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion:146 Resp: 67589
 Ion Ratio Lower Upper
 146 100
 148 61.5 51.6 77.4
 111 46.9 38.0 57.0

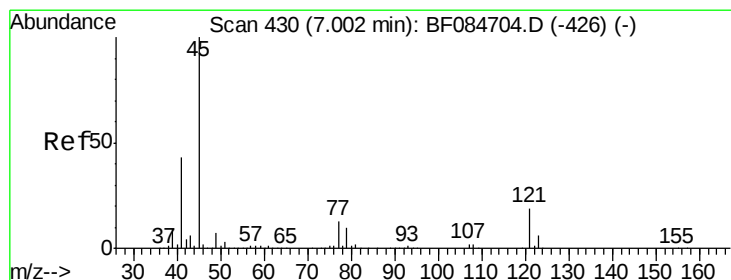
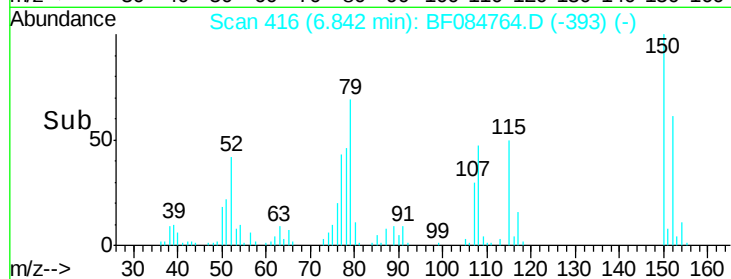
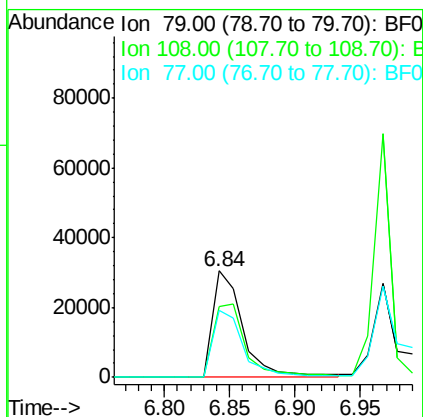
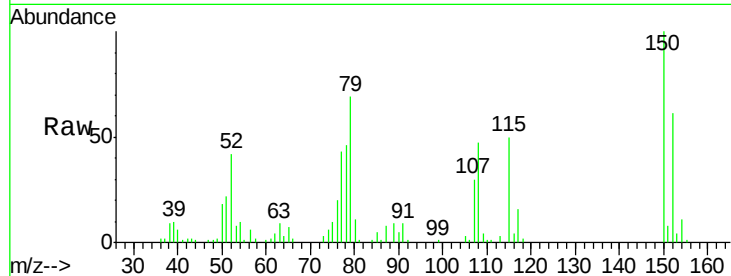




#15
Benzyl Alcohol
Concen: 5.21 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

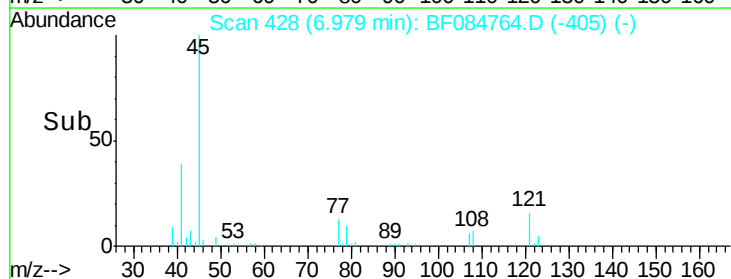
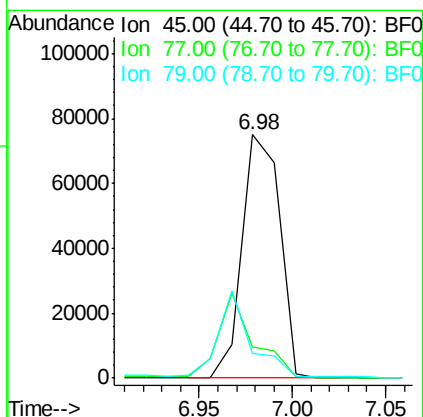
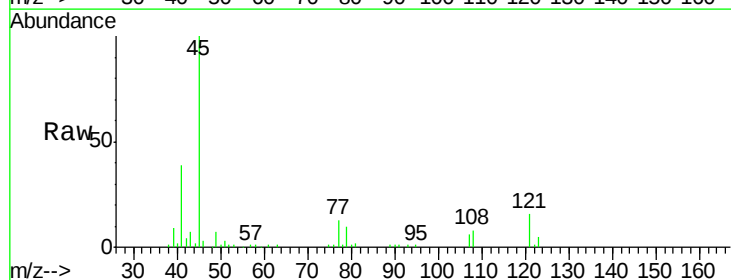
Instrument :
BNA_F
ClientSampleId :
PB88115BS

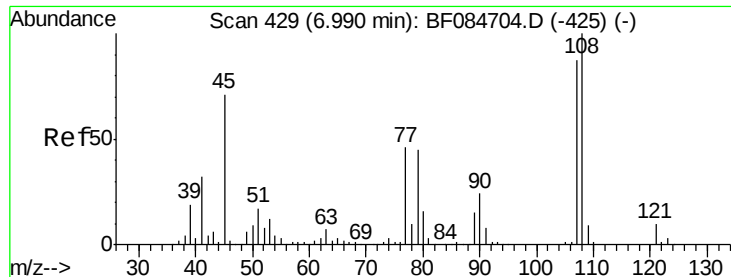
Tgt Ion: 79 Resp: 49374
Ion Ratio Lower Upper
79 100
108 67.1 69.0 103.4#
77 62.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.21 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 45 Resp: 105093
Ion Ratio Lower Upper
45 100
77 12.9 0.0 39.6
79 10.0 0.0 35.0

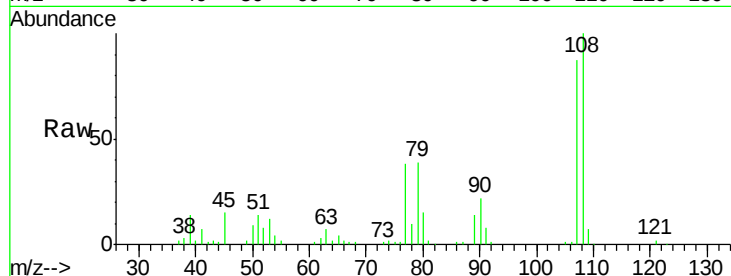




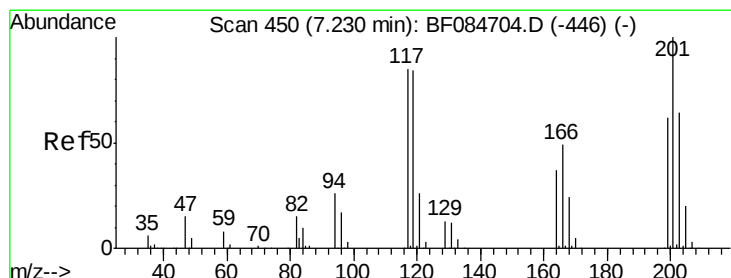
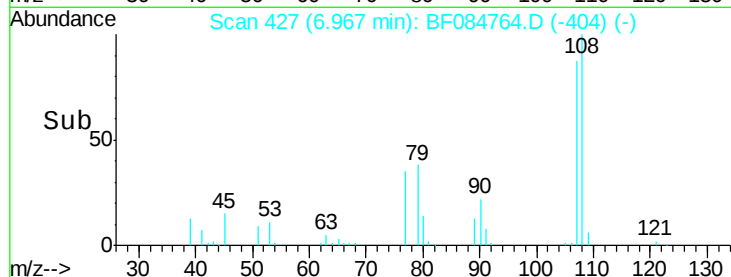
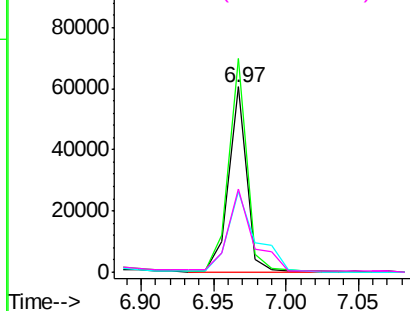
#17
2-Methylphenol
Concen: 5.36 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Instrument :
BNA_F
ClientSampleId :
PB88115BS

Tgt Ion:107 Resp: 53132
Ion Ratio Lower Upper
107 100
108 115.4 89.8 134.6
77 43.5 35.7 53.5
79 44.8 35.7 53.5

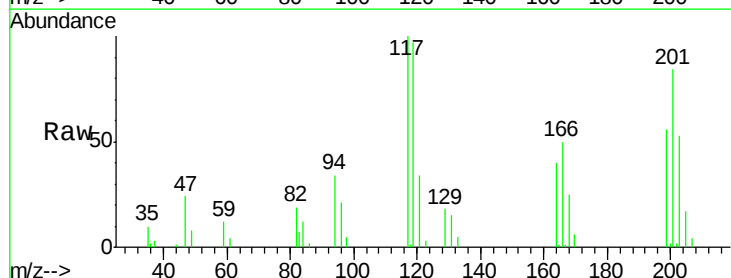


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

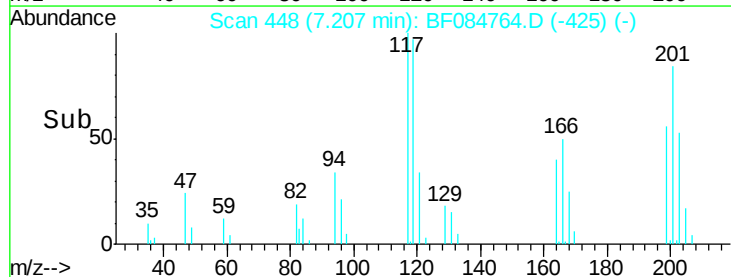
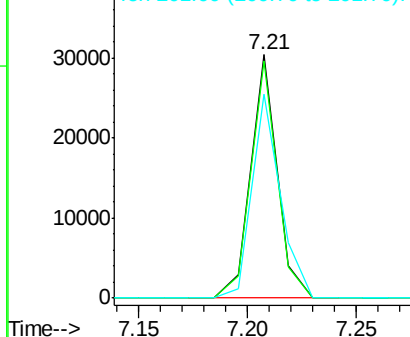


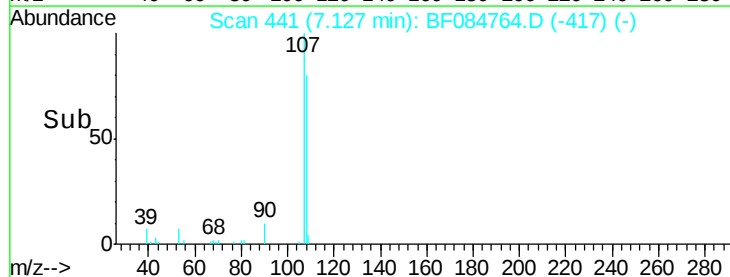
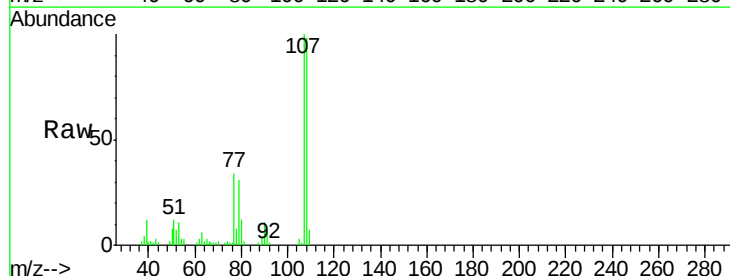
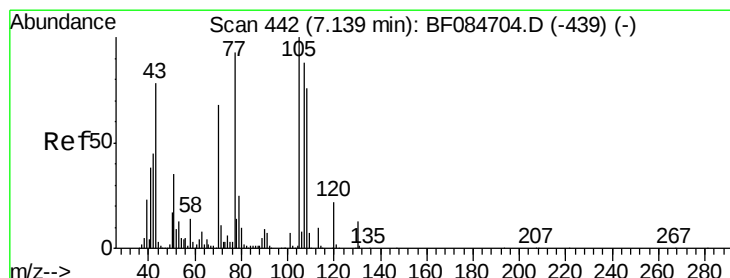
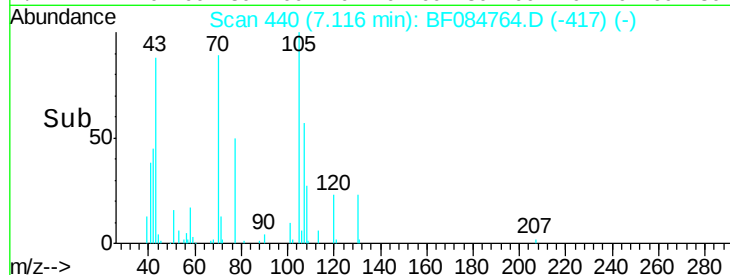
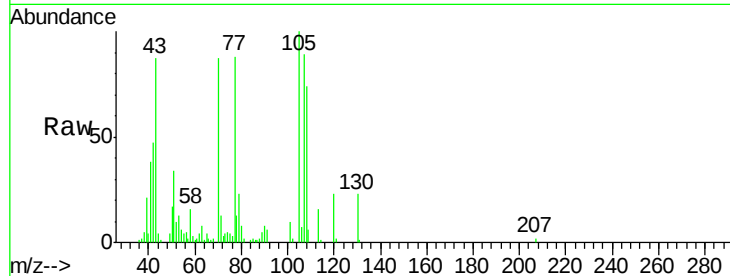
#18
Hexachloroethane
Concen: 5.03 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:117 Resp: 25624
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
201 83.5 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

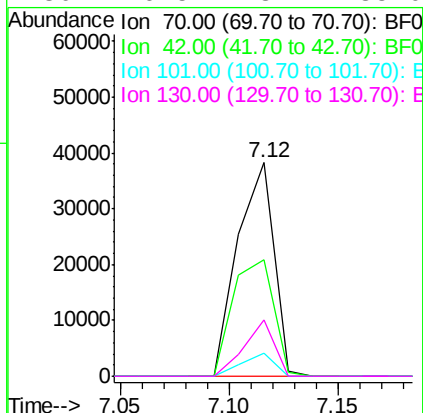




#19
n-Nitroso-di-n-propylamine
Concen: 5.16 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

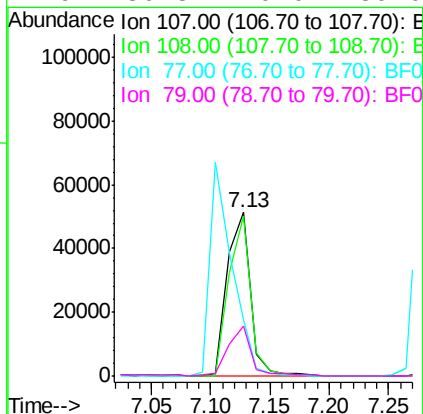
Instrument :
BNA_F
ClientSampleId :
PB88115BS

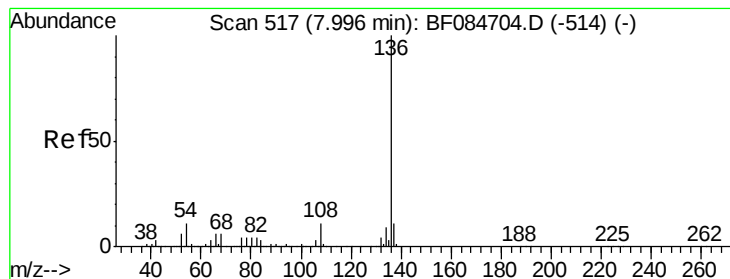
Tgt Ion: 70 Resp: 44336
Ion Ratio Lower Upper
70 100
42 54.3 33.3 49.9#
101 11.1 9.3 13.9
130 26.5 23.4 35.0



#20
3+4-Methylphenols
Concen: 5.67 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 107 Resp: 69656
Ion Ratio Lower Upper
107 100
108 98.3 74.6 114.6
77 34.2 0.7 40.7
79 30.8 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

Tgt Ion:136 Resp: 752527

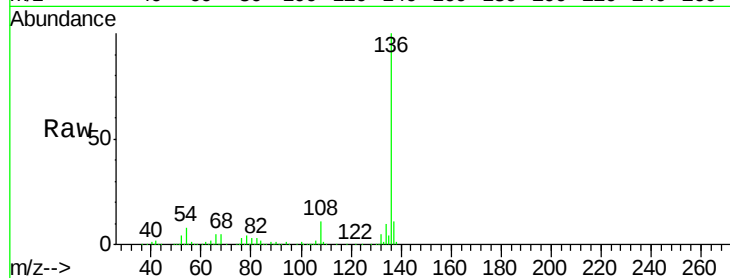
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.1 5.8 8.8

68 4.7 4.2 6.2

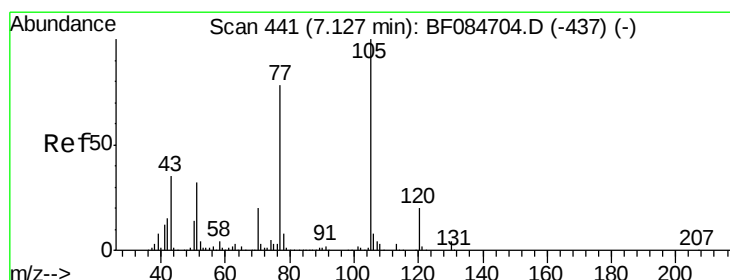
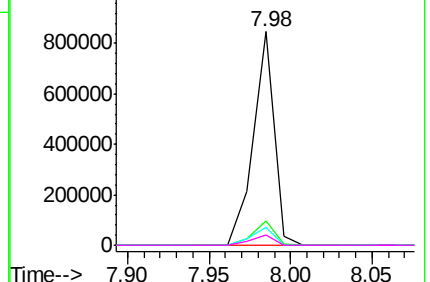
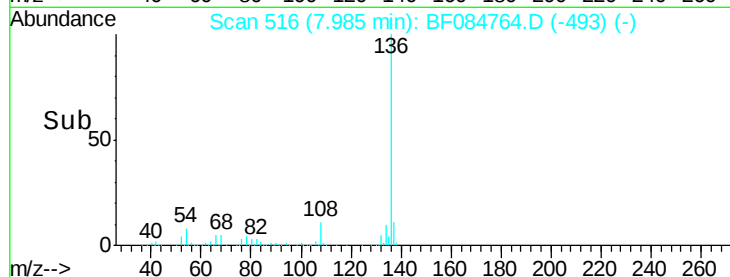


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.59 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Tgt Ion:105 Resp: 91055

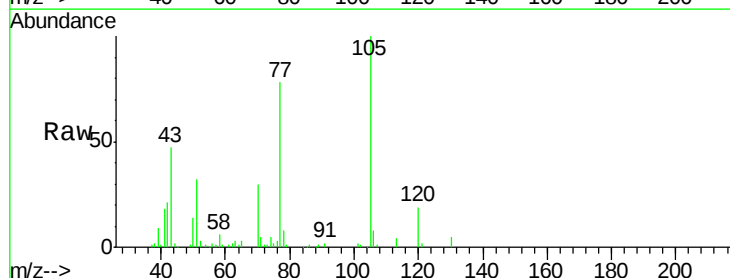
Ion Ratio Lower Upper

105 100

71 4.9 3.7 5.5

51 32.3 25.1 37.7

120 18.7 16.6 25.0

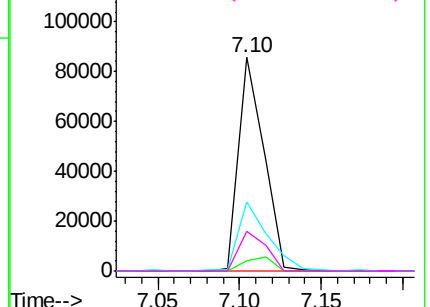
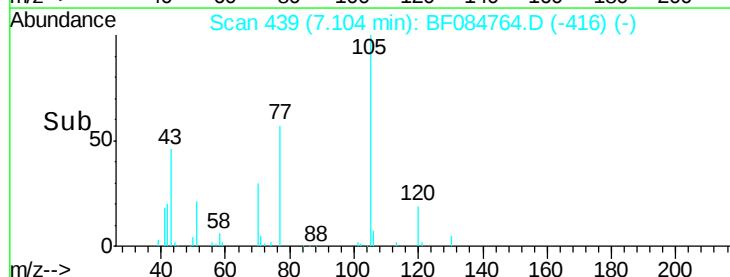


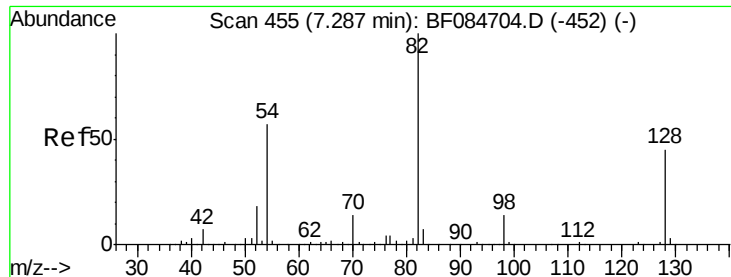
Abundance Ion 105.00 (104.70 to 105.70): E

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

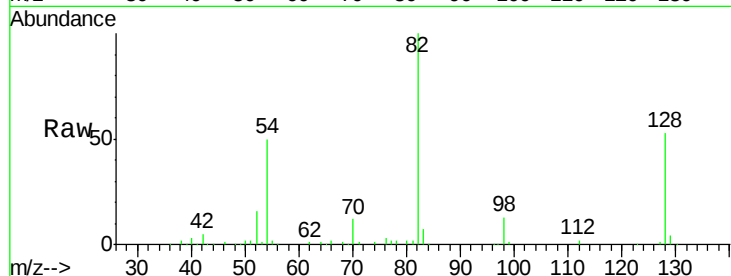




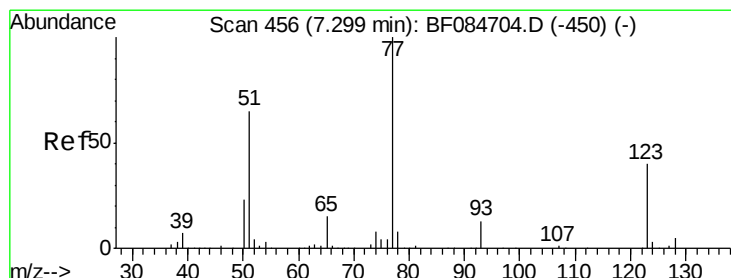
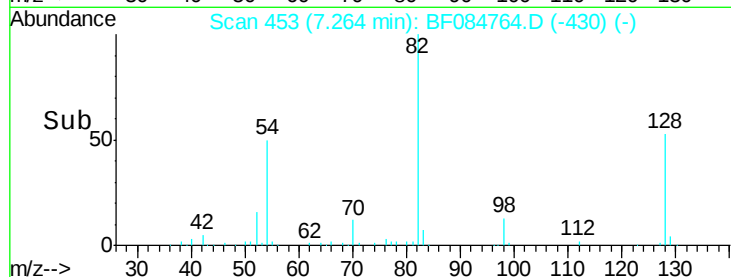
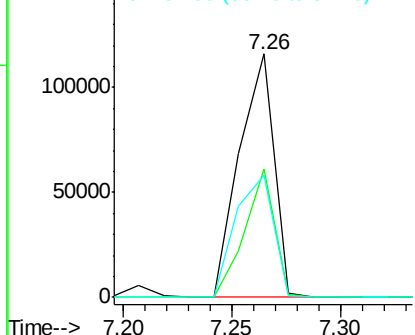
#23
 Nitrobenzene-d5
 Concen: 9.61 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

Tgt Ion: 82 Resp: 128330
 Ion Ratio Lower Upper
 82 100
 128 52.8 34.6 51.8#
 54 50.3 38.4 57.6

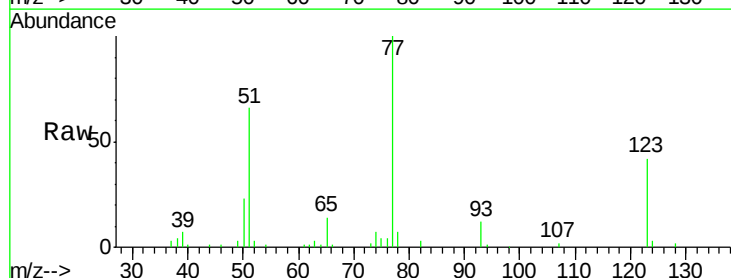


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

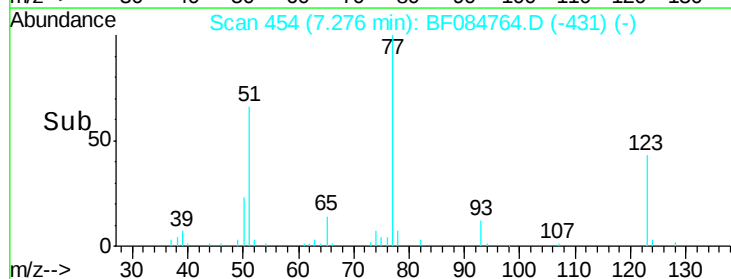
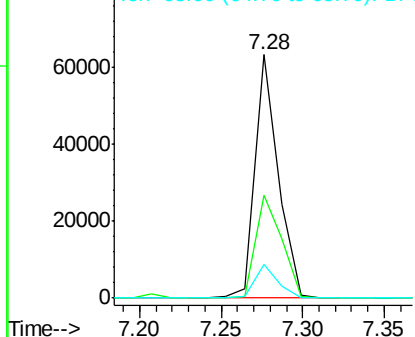


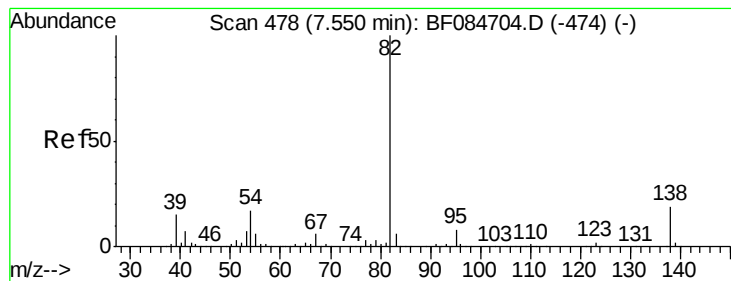
#24
 Nitrobenzene
 Concen: 4.39 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion: 77 Resp: 62786
 Ion Ratio Lower Upper
 77 100
 123 42.5 37.4 56.2
 65 13.7 10.9 16.3



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





#25

Isophorone

Concen: 4.40 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.05 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

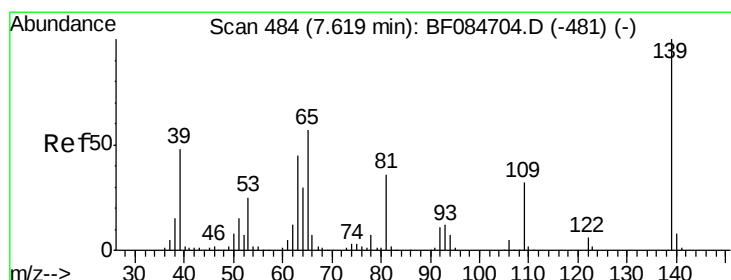
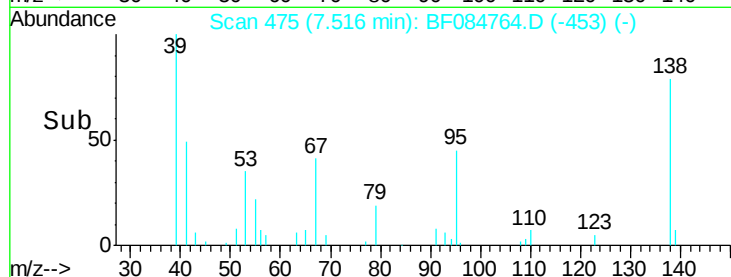
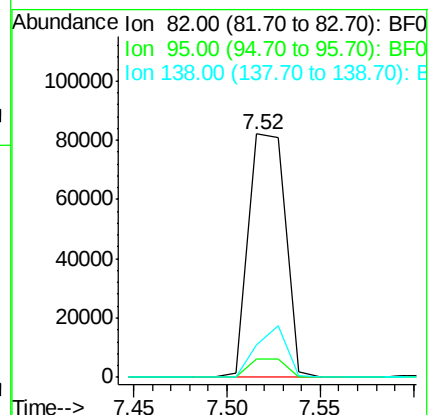
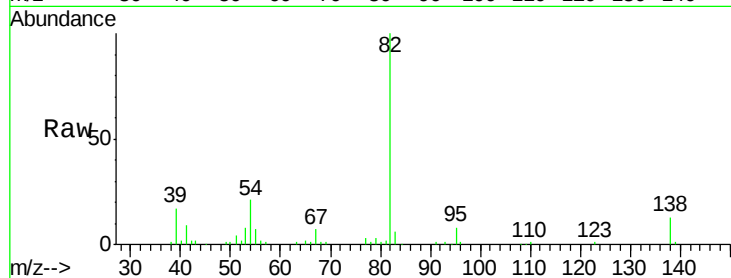
Tgt Ion: 82 Resp: 114228

Ion Ratio Lower Upper

82 100

95 7.5 6.6 10.0

138 13.1 13.6 20.4#



#26

2-Nitrophenol

Concen: 4.10 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

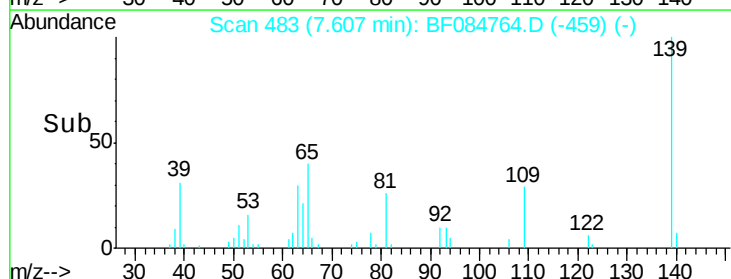
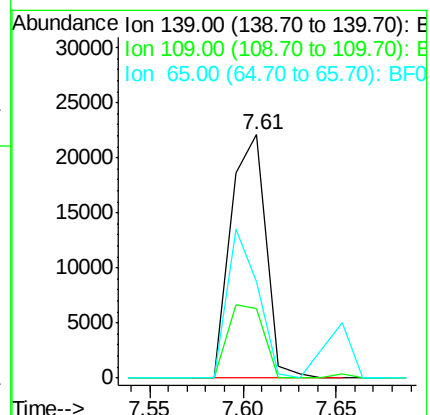
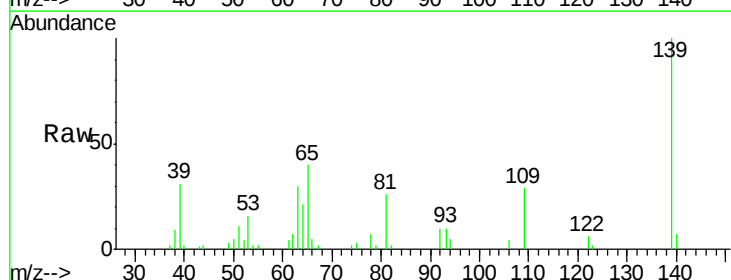
Tgt Ion: 139 Resp: 28926

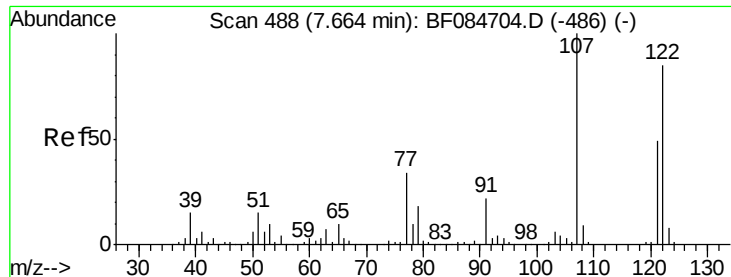
Ion Ratio Lower Upper

139 100

109 28.7 25.4 38.2

65 39.8 32.3 48.5

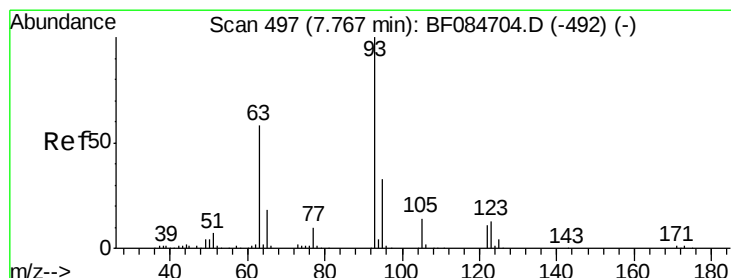
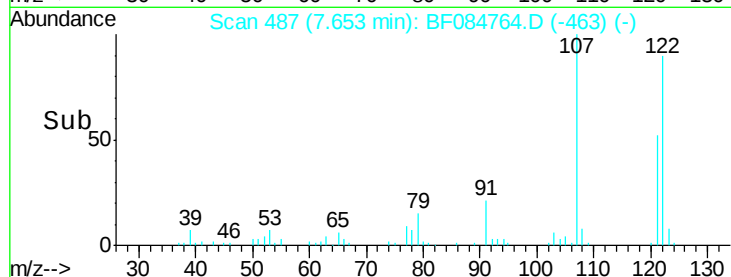
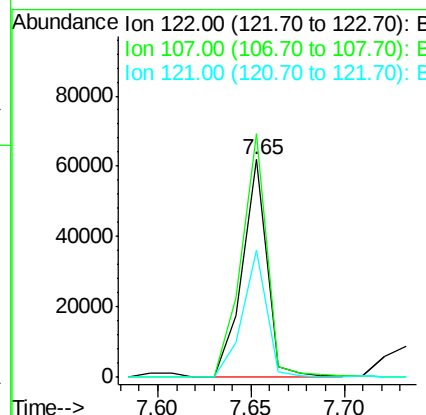
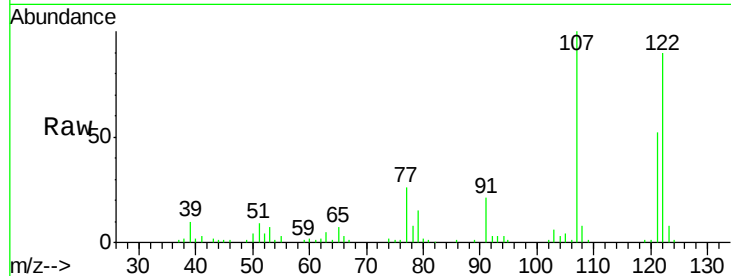




#27
 2,4-Dimethylphenol
 Concen: 4.73 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

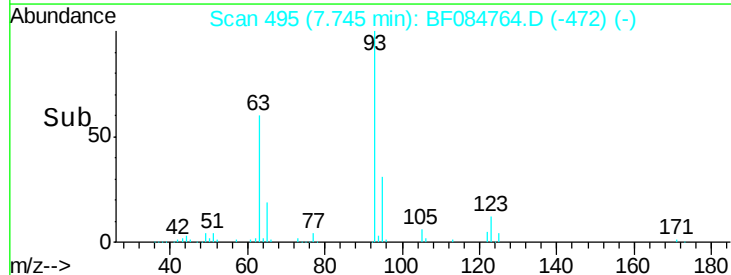
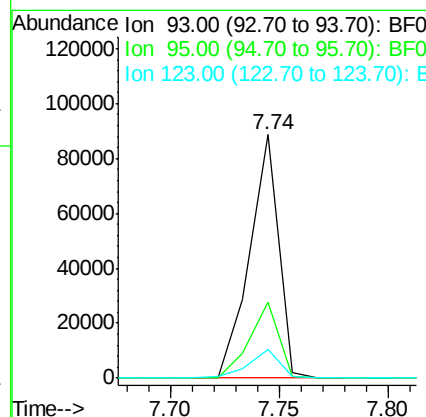
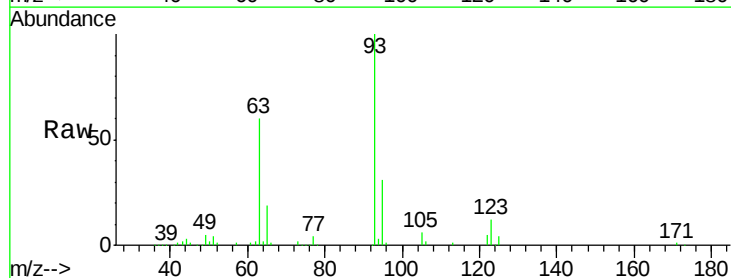
Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

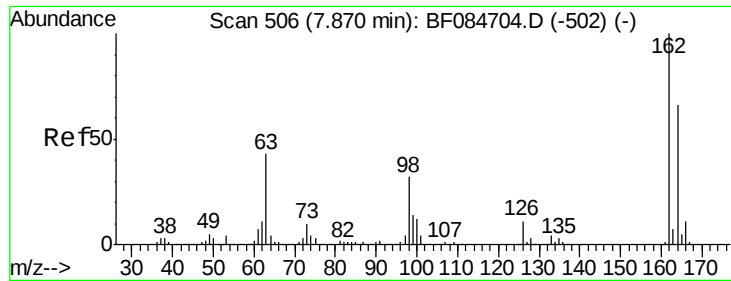
Tgt Ion: 122 Resp: 58059
 Ion Ratio Lower Upper
 122 100
 107 111.7 99.1 148.7
 121 58.5 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.32 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion: 93 Resp: 81928
 Ion Ratio Lower Upper
 93 100
 95 31.3 25.8 38.6
 123 11.9 8.6 12.8

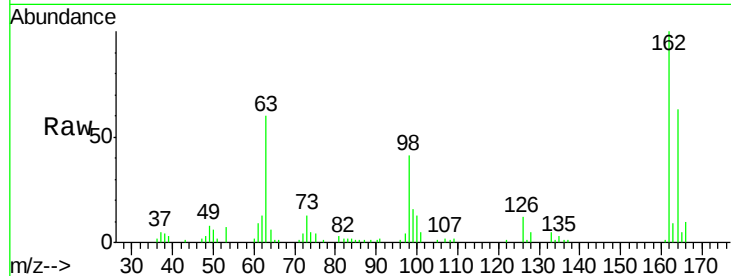




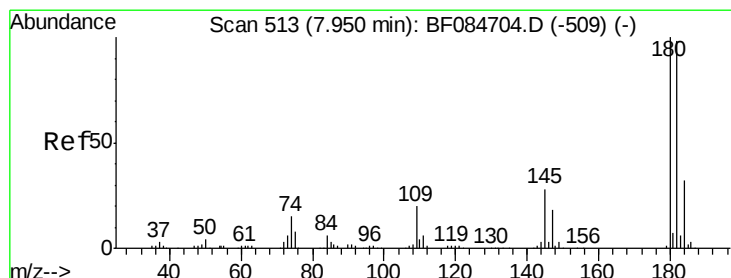
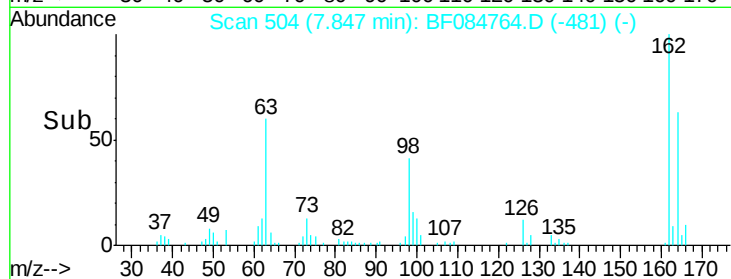
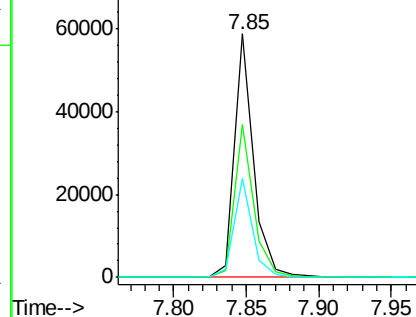
#29
 2,4-Dichlorophenol
 Concen: 5.09 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.1	84.1
98	40.9	20.2	60.2

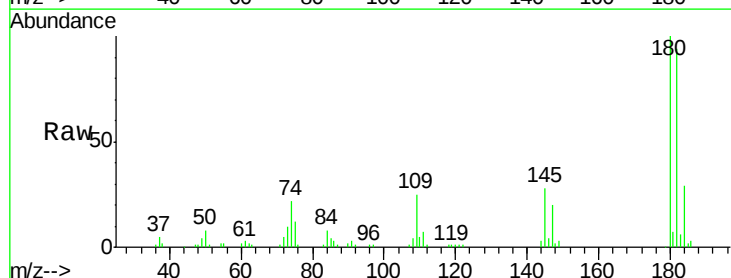


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

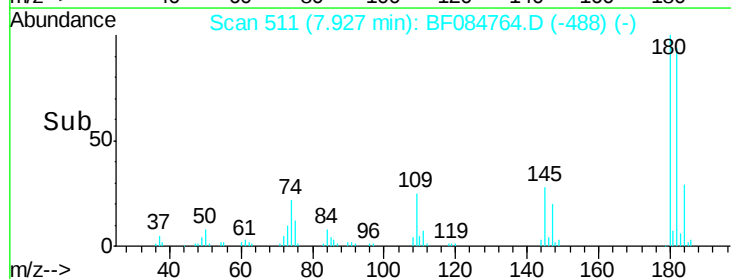
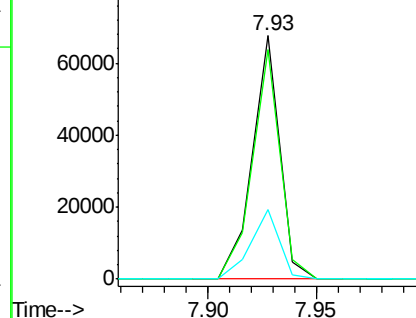


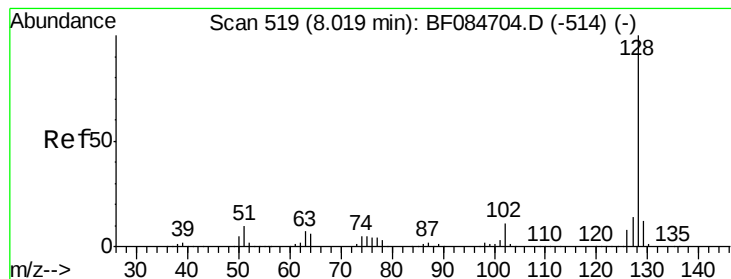
#30
 1,2,4-Trichlorobenzene
 Concen: 4.96 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.4	114.6
145	28.5	31.6	47.4#



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





#31

Naphthalene

Concen: 5.18 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

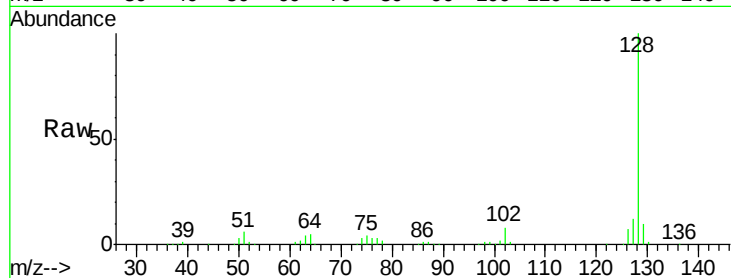
Tgt Ion:128 Resp: 195409

Ion Ratio Lower Upper

128 100

129 10.2 9.1 13.7

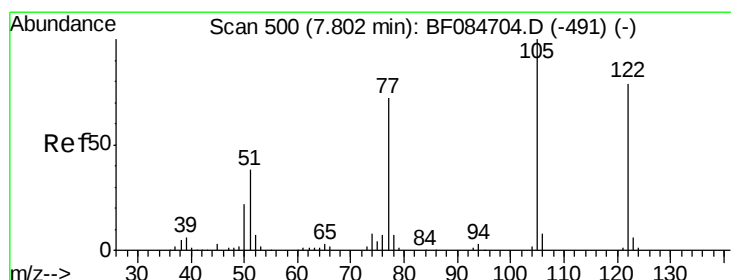
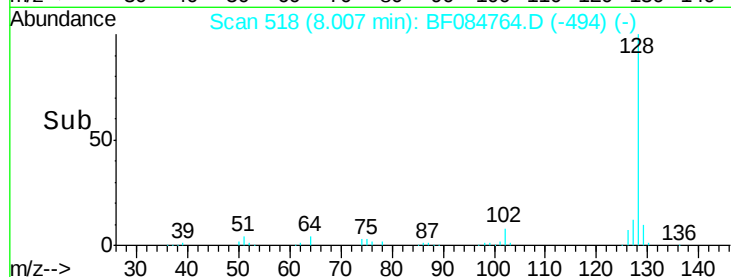
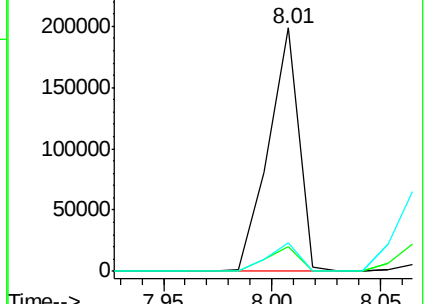
127 12.0 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.63 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.08 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

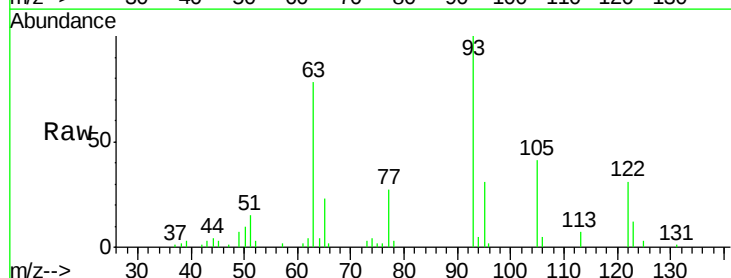
Tgt Ion:122 Resp: 20620

Ion Ratio Lower Upper

122 100

105 130.9 100.3 140.3

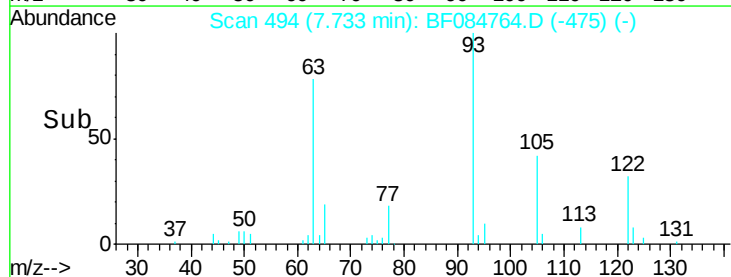
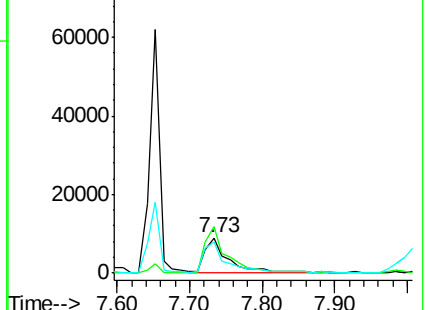
77 87.4 63.5 103.5

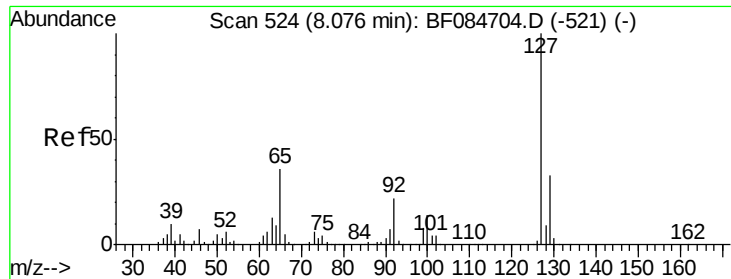


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

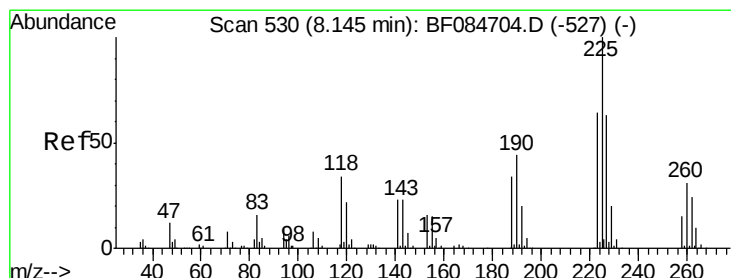
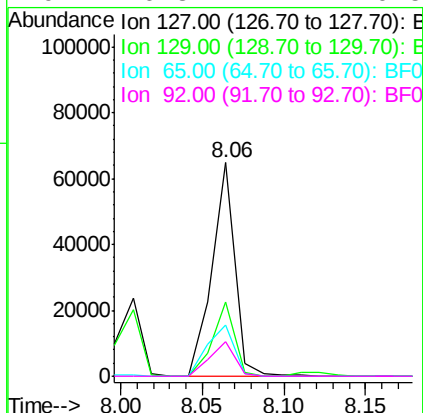
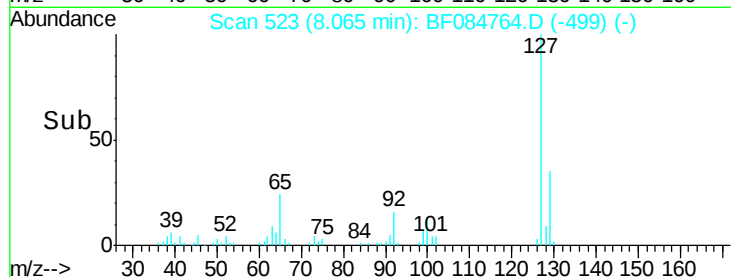
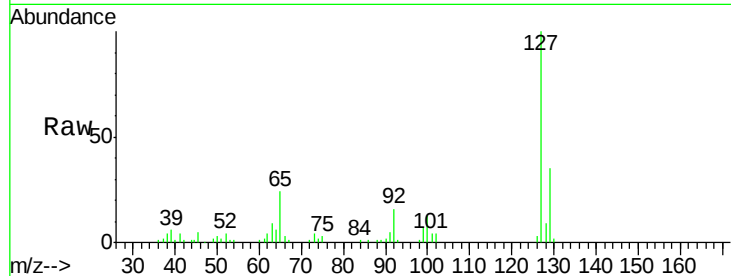




#33
4-Chloroaniline
Concen: 4.08 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

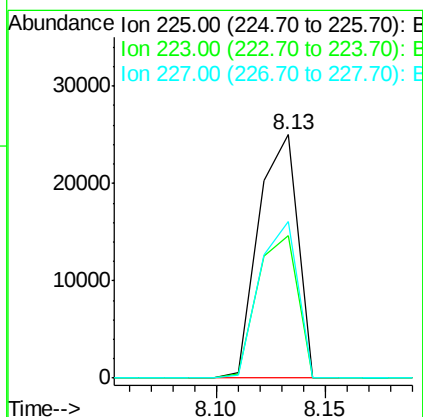
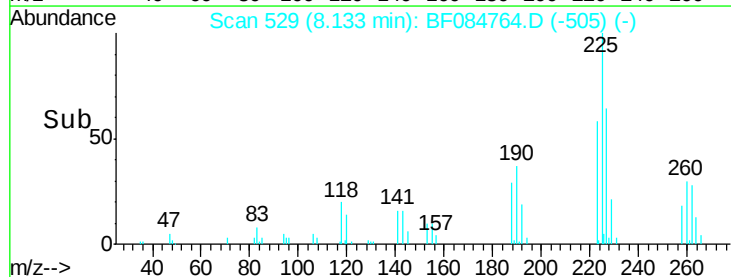
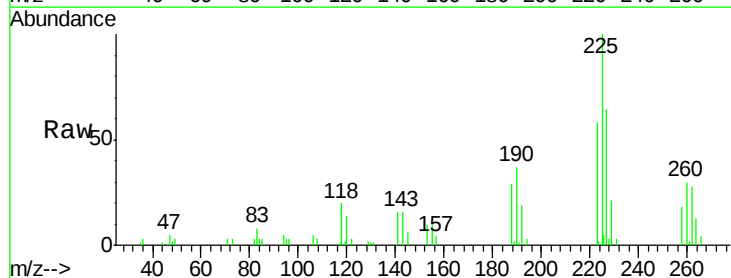
Instrument :
BNA_F
ClientSampleId :
PB88115BS

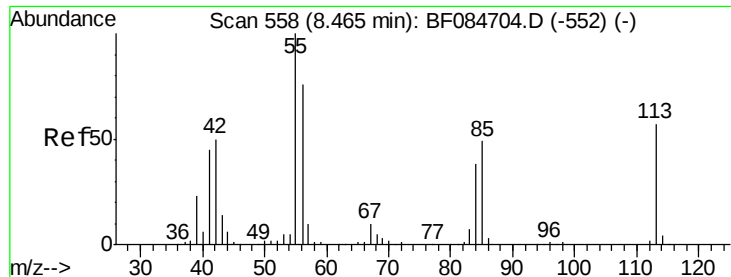
Tgt Ion:	127	Resp:	63745
Ion	Ratio	Lower	Upper
127	100		
129	34.6	26.5	39.7
65	24.3	27.2	40.8#
92	16.3	17.7	26.5#



#34
Hexachlorobutadiene
Concen: 4.60 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:	225	Resp:	31457
Ion	Ratio	Lower	Upper
225	100		
223	58.5	49.4	74.0
227	64.0	50.8	76.2





#35

Caprolactam

Concen: 4.60 ng

RT: 8.40 min Scan# 552

Delta R.T. -0.07 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

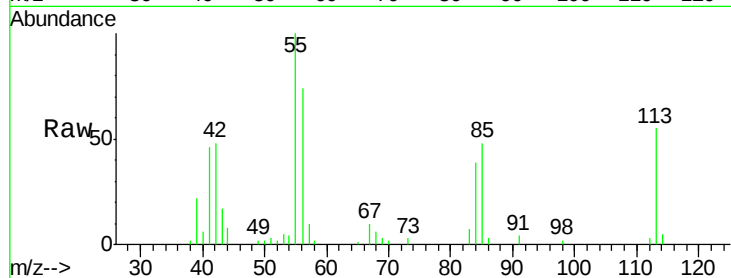
Tgt Ion:113 Resp: 14873

Ion Ratio Lower Upper

113 100

55 183.0 116.9 156.9#

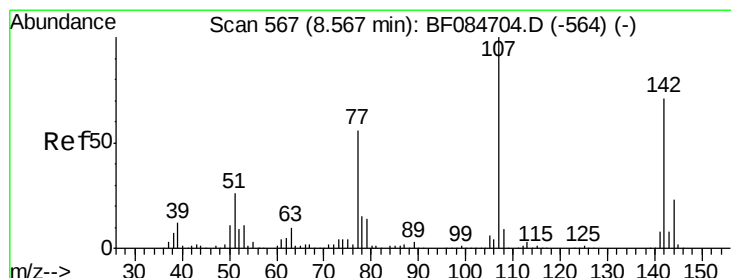
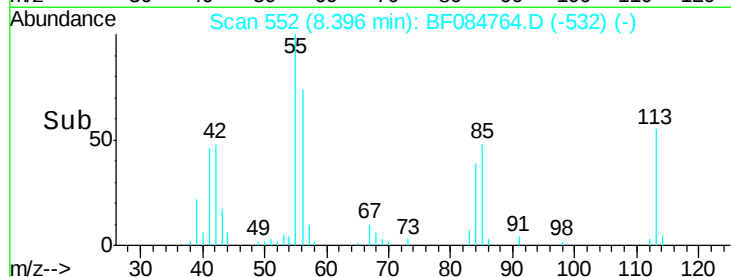
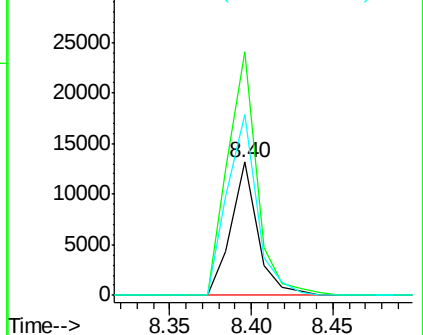
56 136.1 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 4.54 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

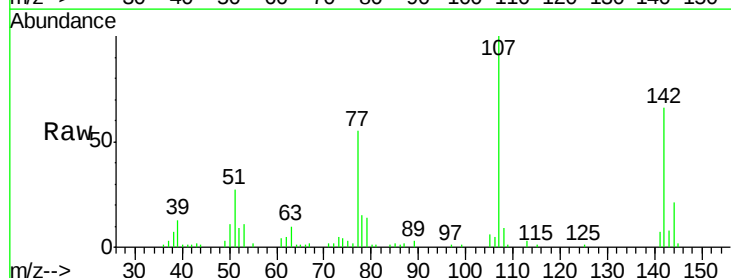
Tgt Ion:107 Resp: 54435

Ion Ratio Lower Upper

107 100

144 21.5 19.7 29.5

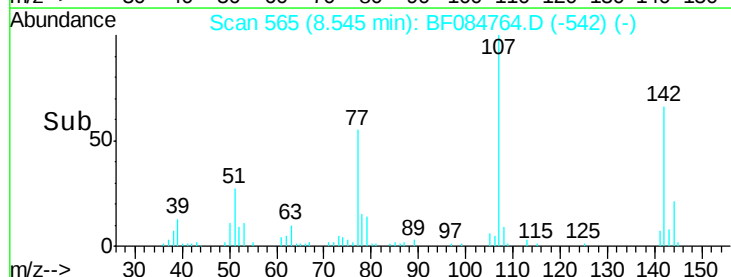
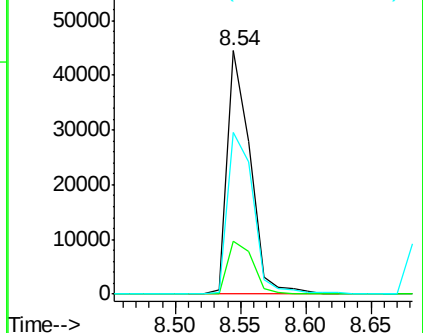
142 66.3 61.8 92.6

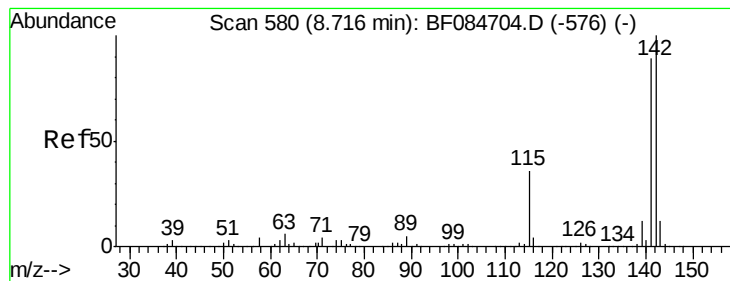


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 5.23 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

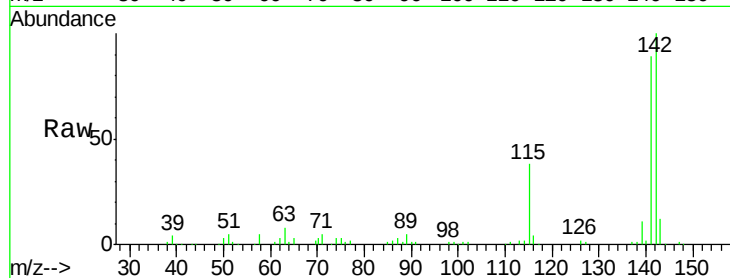
Tgt Ion:142 Resp: 123573

Ion Ratio Lower Upper

142 100

141 89.0 72.4 108.6

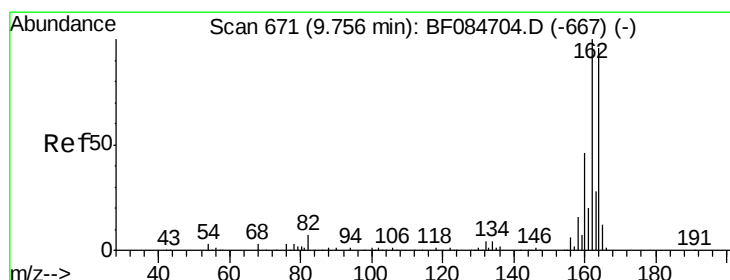
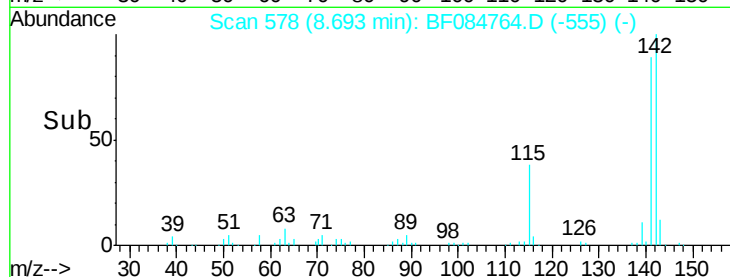
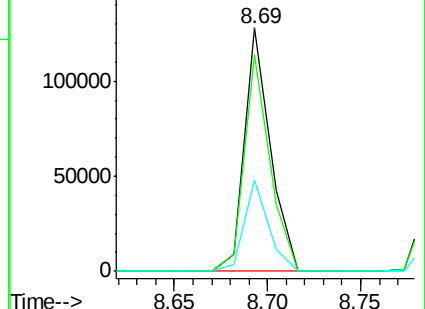
115 37.7 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

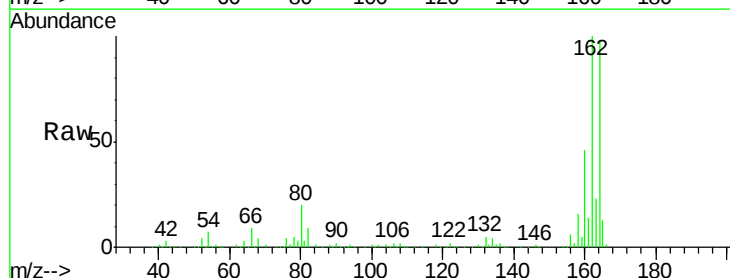
Tgt Ion:164 Resp: 346468

Ion Ratio Lower Upper

164 100

162 101.8 85.1 127.7

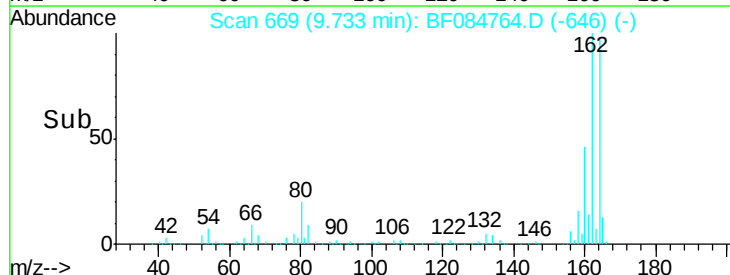
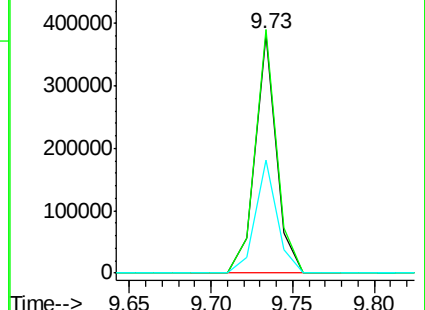
160 47.2 37.5 56.3

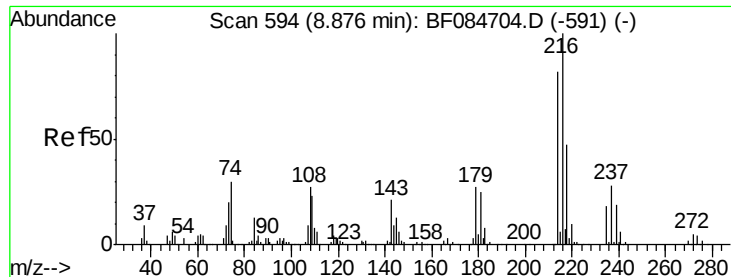


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 5.07 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

Tgt Ion:216 Resp: 55820

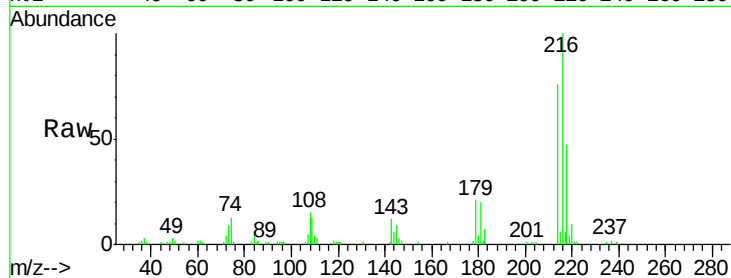
Ion Ratio Lower Upper

216 100

214 77.1 64.2 96.2

179 22.3 18.7 28.1

108 20.1 16.8 25.2

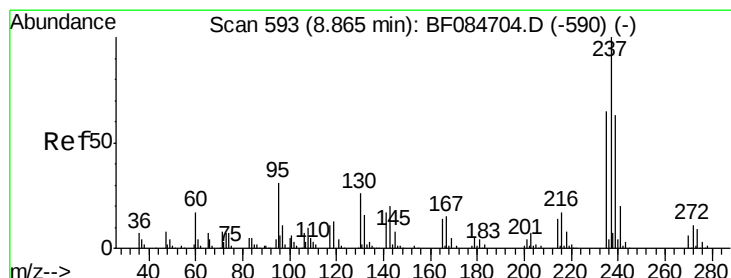
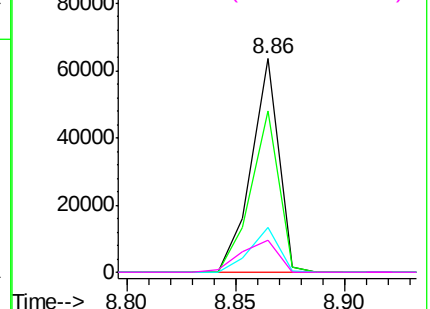
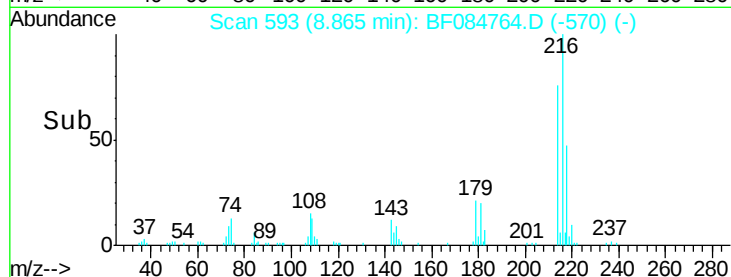


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 11.91 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

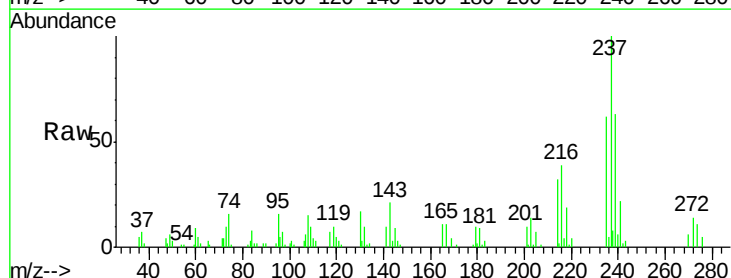
Tgt Ion:237 Resp: 33827

Ion Ratio Lower Upper

237 100

235 62.4 43.1 83.1

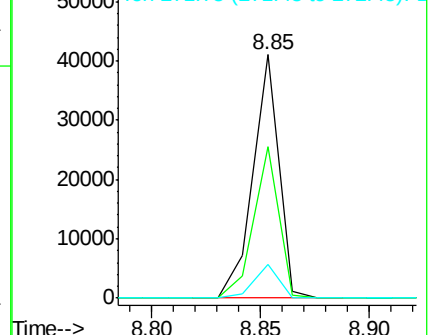
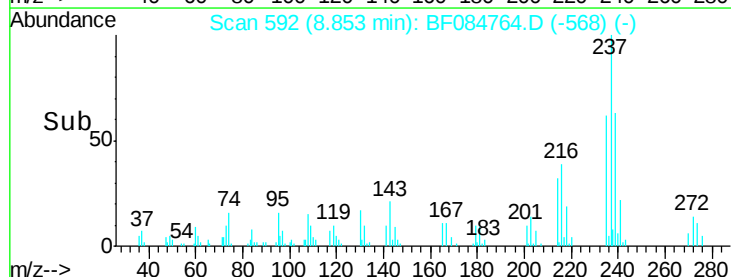
272 13.8 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

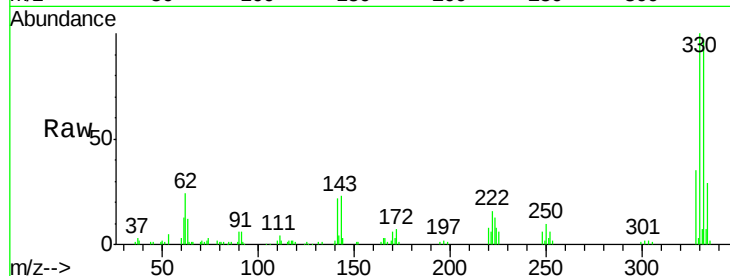




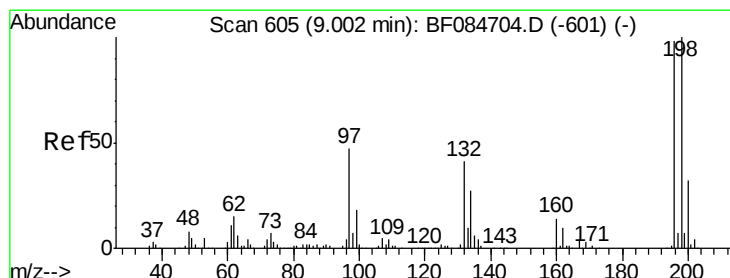
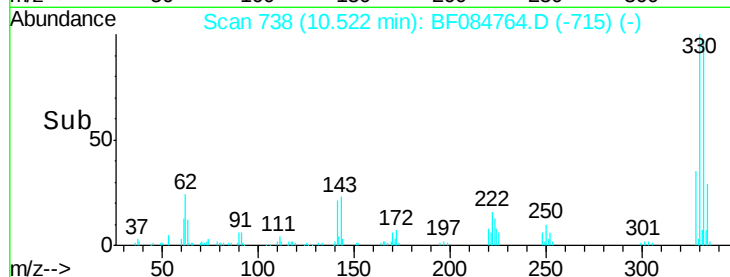
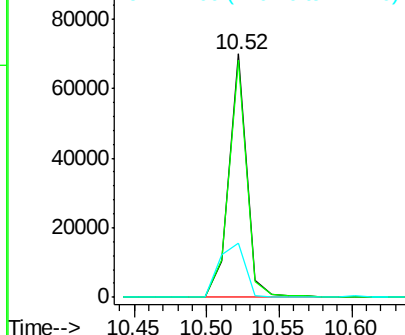
#41
 2,4,6-Tribromophenol
 Concen: 16.46 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

Tgt Ion:330 Resp: 59495
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 32.8 27.8 41.6

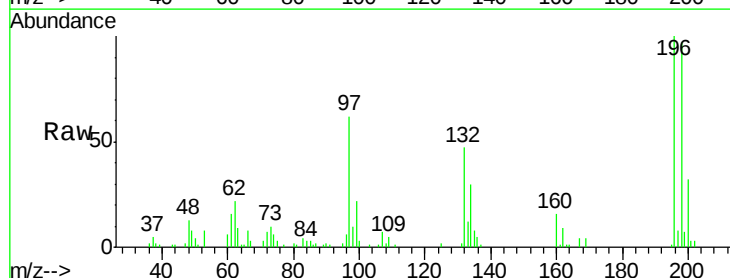


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

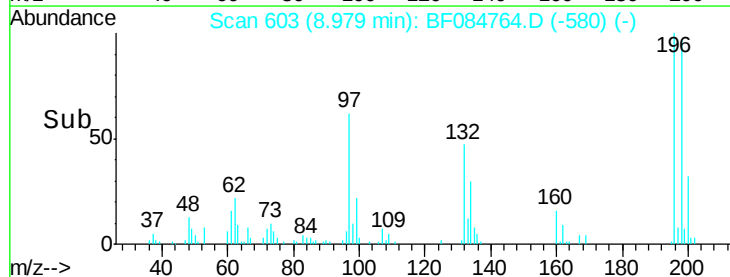
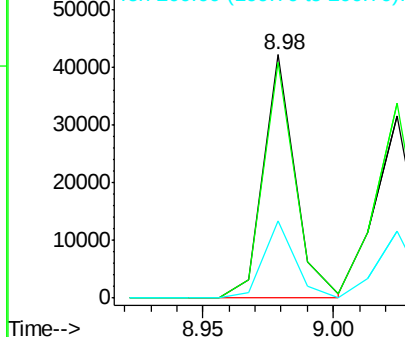


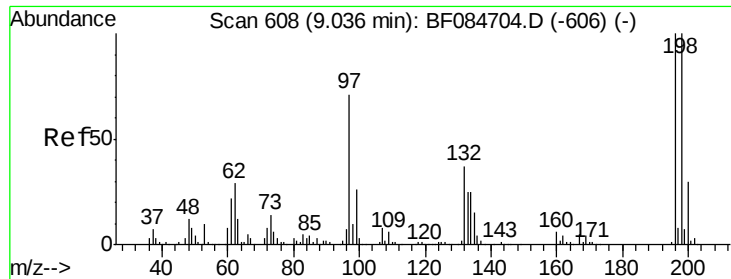
#42
 2,4,6-Trichlorophenol
 Concen: 5.09 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion:196 Resp: 36096
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.7 116.5
 200 32.0 24.6 37.0



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

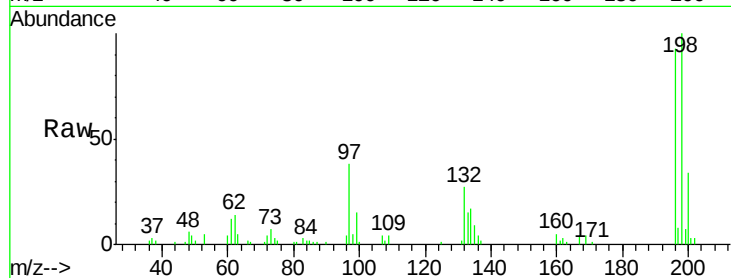




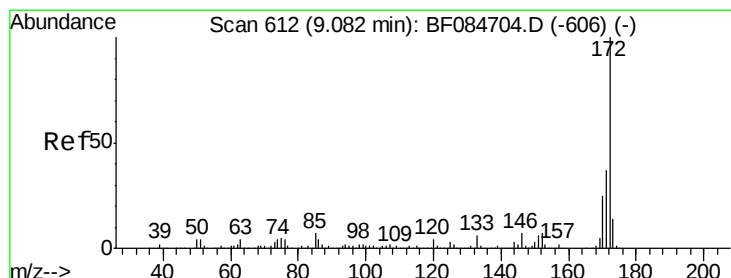
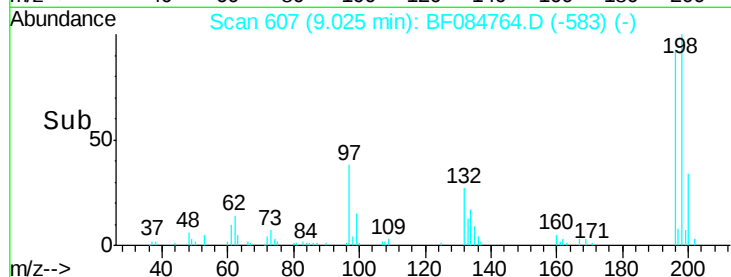
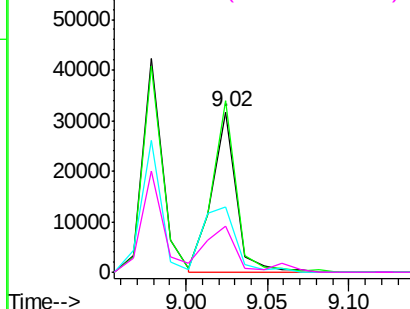
#43
 2,4,5-Trichlorophenol
 Concen: 4.61 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

Tgt Ion:196 Resp: 33191
 Ion Ratio Lower Upper
 196 100
 198 107.1 79.0 118.6
 97 41.2 33.0 49.6
 132 28.4 21.1 31.7

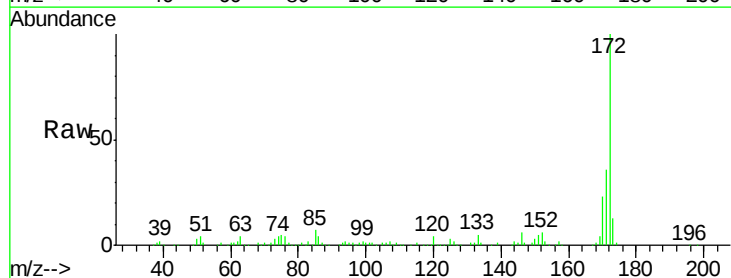


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

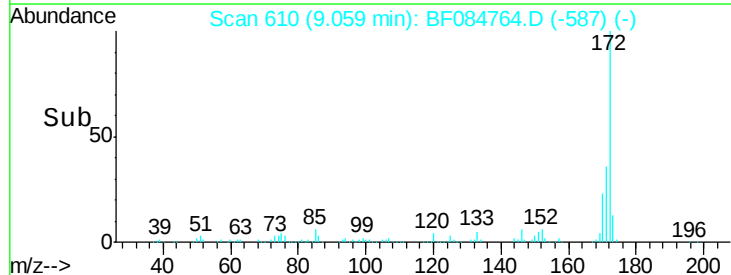
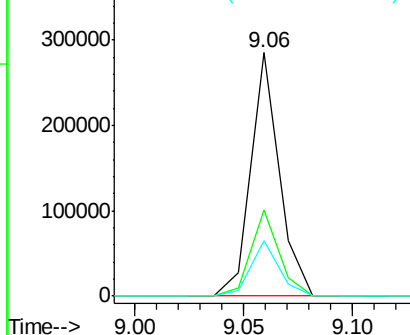


#44
 2-Fluorobiphenyl
 Concen: 8.81 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion:172 Resp: 259031
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 22.8 18.6 27.8



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





#45

1,1'-Biphenyl

Concen: 5.46 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

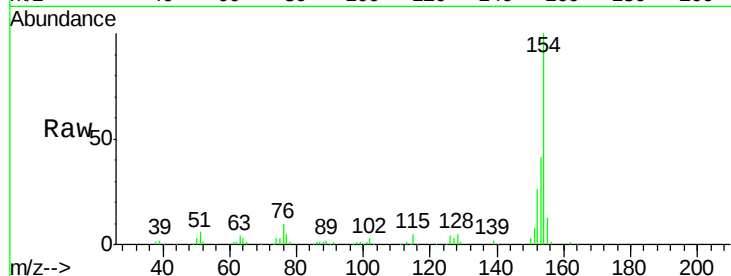
Tgt Ion:154 Resp: 168922

Ion Ratio Lower Upper

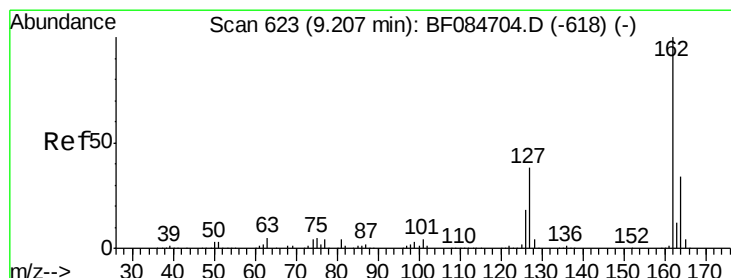
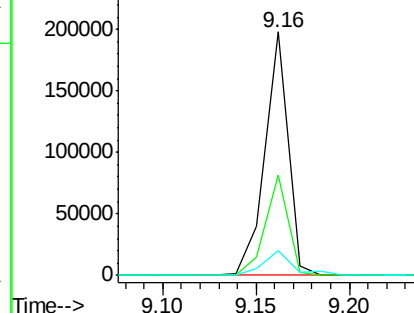
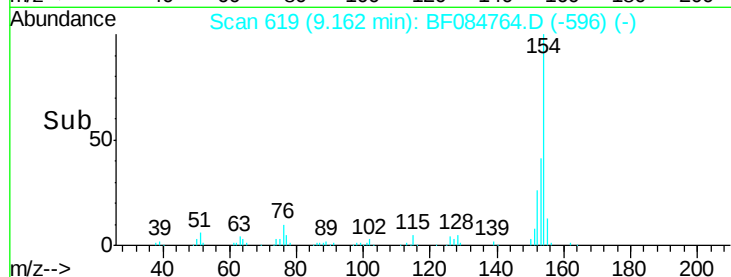
154 100

153 40.9 21.6 61.6

76 10.3 0.0 32.7



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): BFO



#46

2-Chloronaphthalene

Concen: 5.19 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

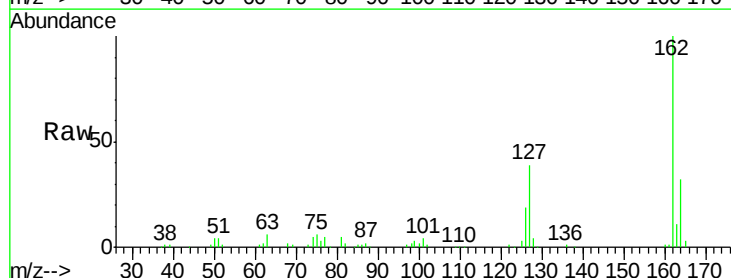
Tgt Ion:162 Resp: 118209

Ion Ratio Lower Upper

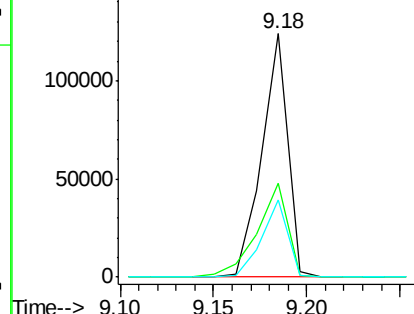
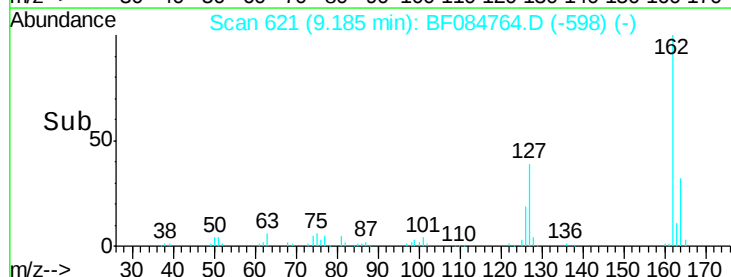
162 100

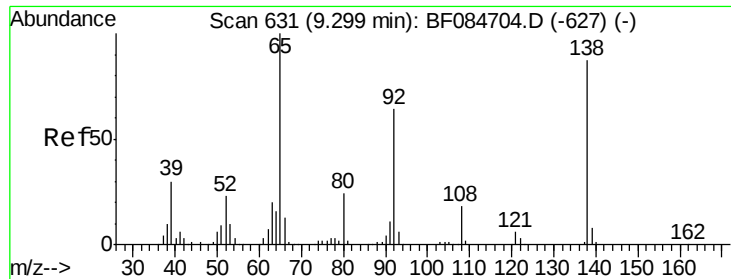
127 38.5 40.2 60.4#

164 31.7 25.7 38.5



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

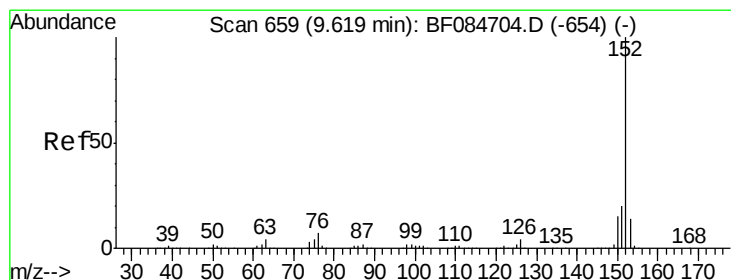
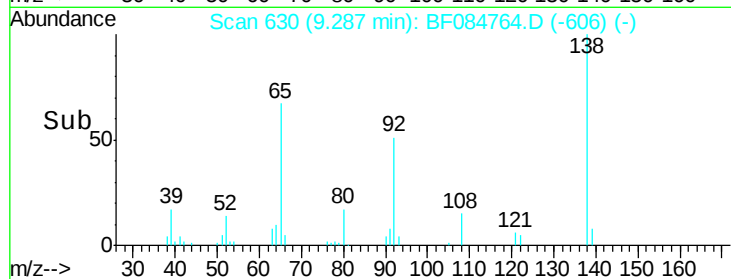
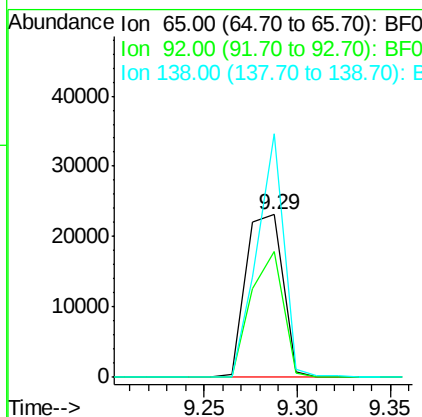
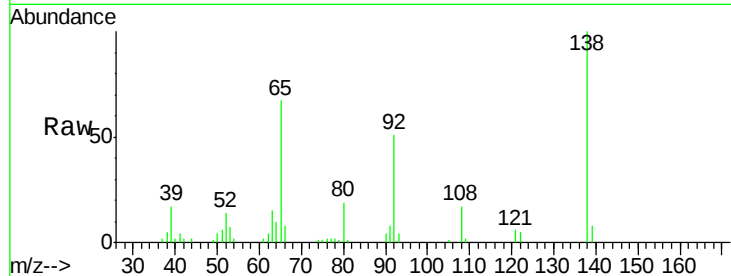




#47
2-Nitroaniline
Concen: 4.41 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

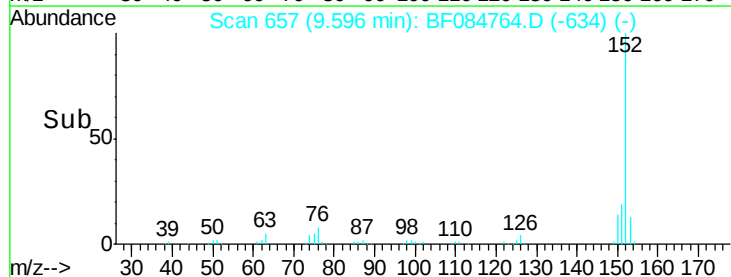
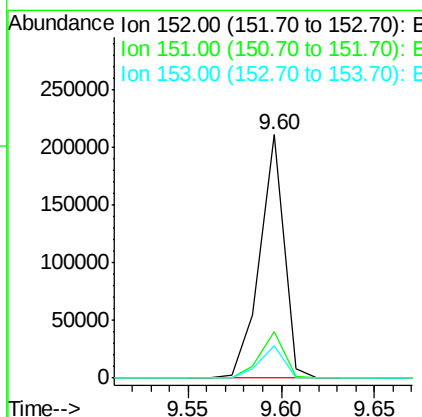
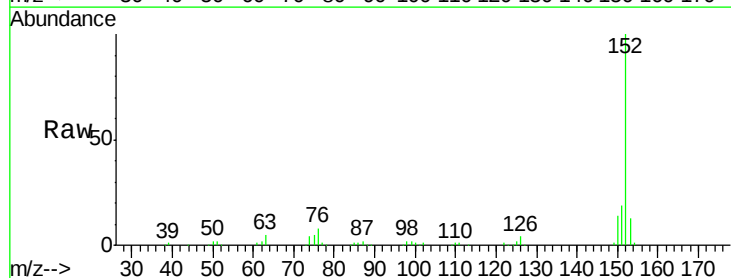
Instrument :
BNA_F
ClientSampleId :
PB88115BS

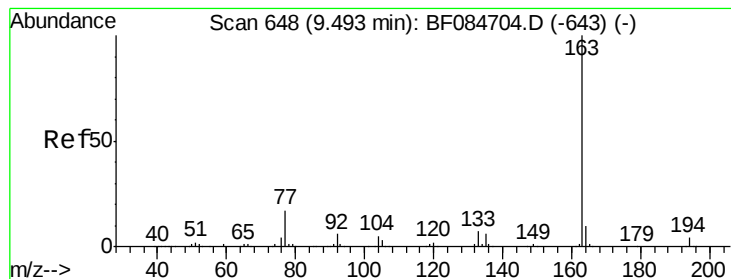
Tgt Ion: 65 Resp: 31819
Ion Ratio Lower Upper
65 100
92 77.0 53.4 80.2
138 149.6 71.1 106.7#



#48
Acenaphthylene
Concen: 5.47 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 152 Resp: 189029
Ion Ratio Lower Upper
152 100
151 19.2 16.3 24.5
153 13.1 10.4 15.6





#49

Dimethylphthalate

Concen: 4.88 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.05 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

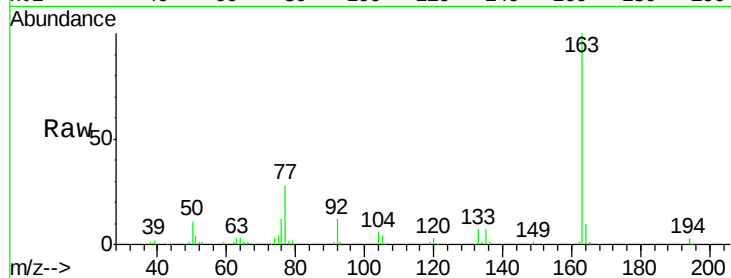
Tgt Ion:163 Resp: 128695

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

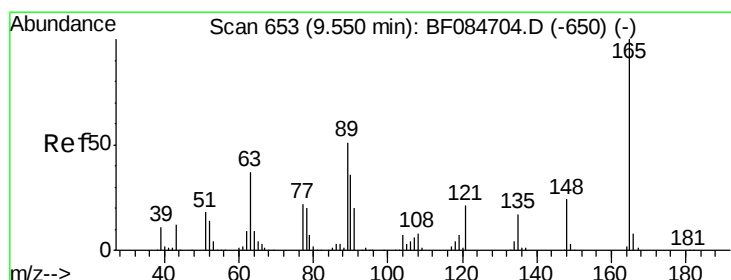
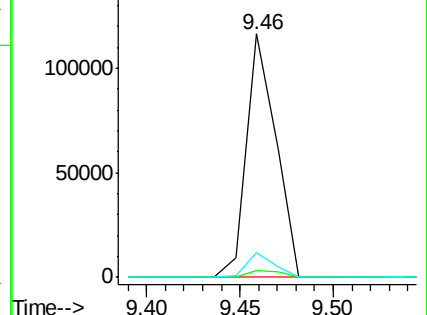
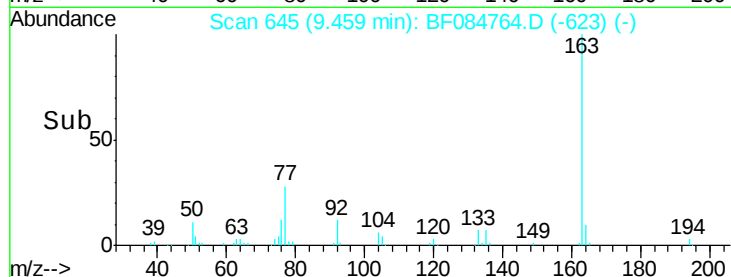
164 10.4 8.0 12.0



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: 5.04 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

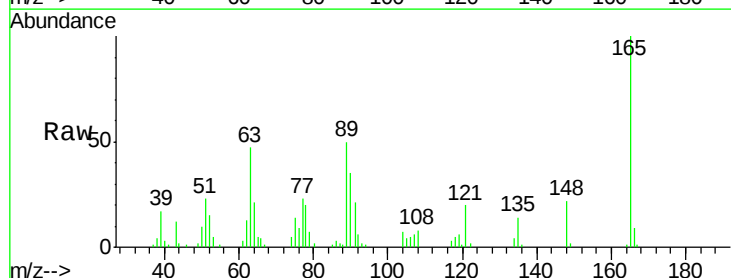
Tgt Ion:165 Resp: 29038

Ion Ratio Lower Upper

165 100

63 46.6 28.8 43.2#

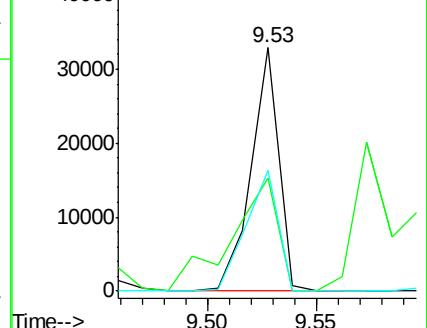
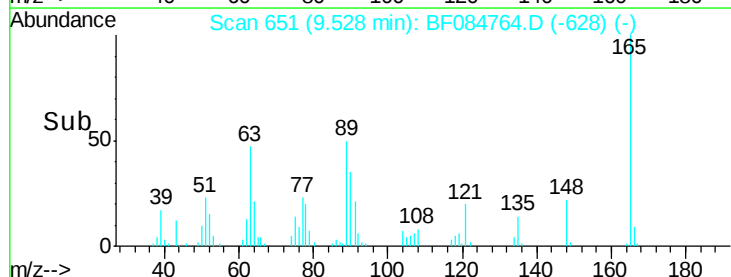
89 49.6 35.1 52.7

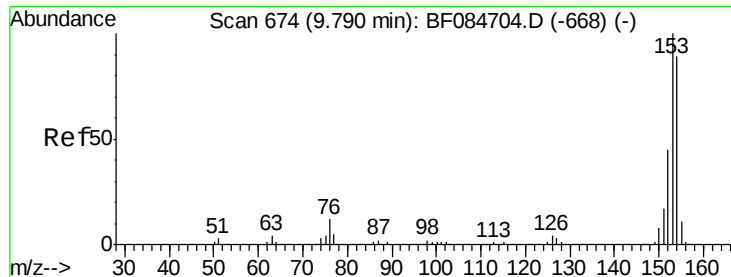


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

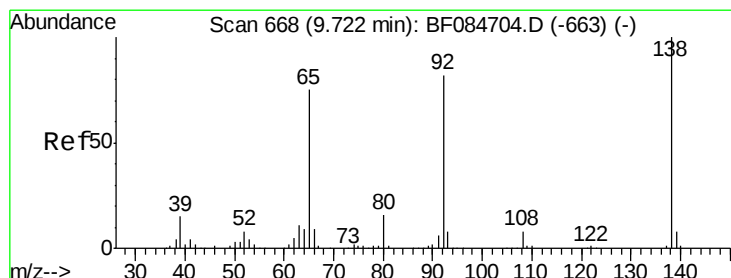
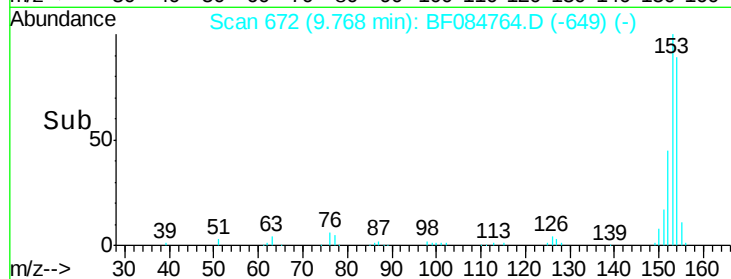
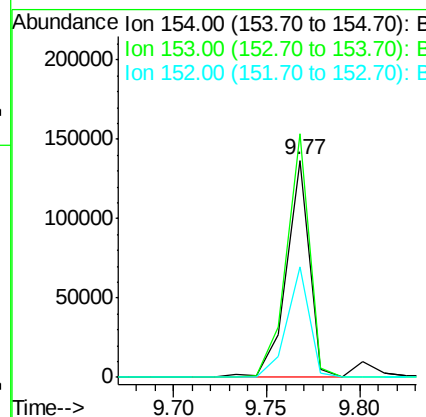
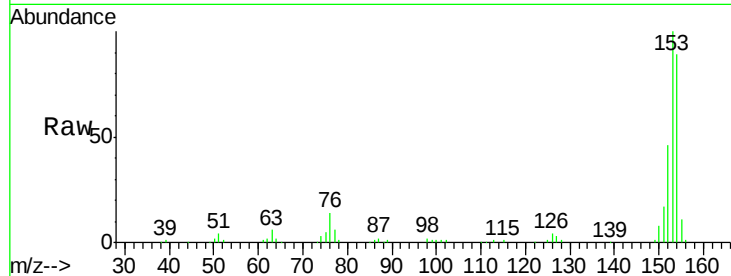




#51
Acenaphthene
Concen: 5.25 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

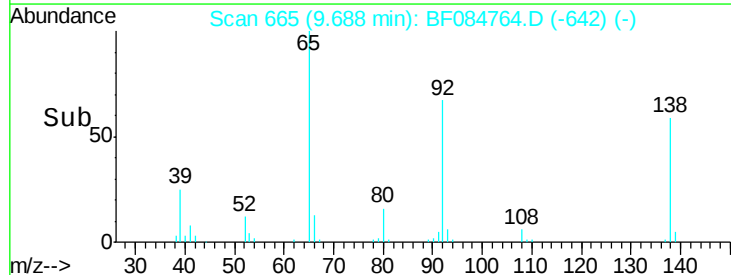
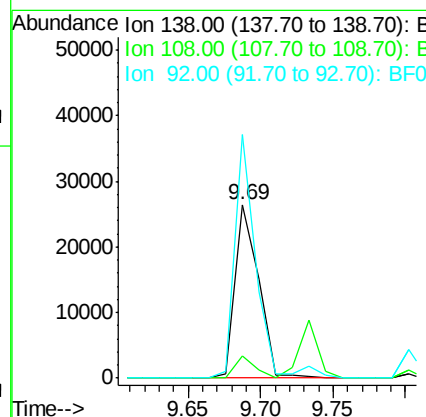
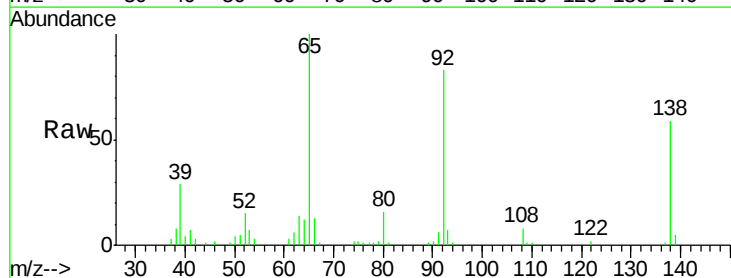
Instrument :
BNA_F
ClientSampleId :
PB88115BS

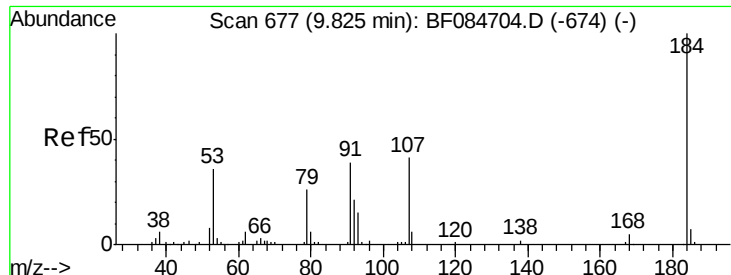
Tgt Ion:154 Resp: 118142
Ion Ratio Lower Upper
154 100
153 112.1 91.5 137.3
152 51.0 43.0 64.6



#52
3-Nitroaniline
Concen: 4.61 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:138 Resp: 29844
Ion Ratio Lower Upper
138 100
108 13.0 10.5 15.7
92 140.4 103.9 155.9

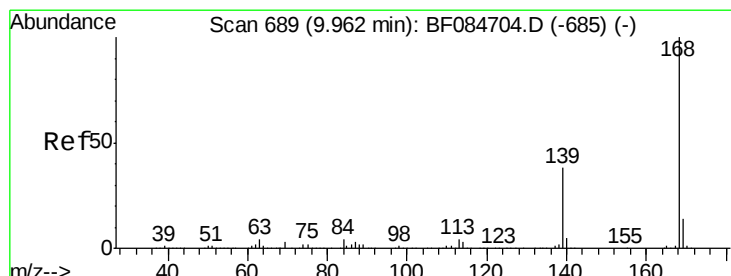
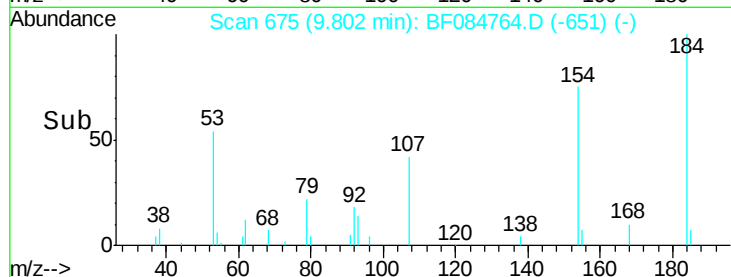
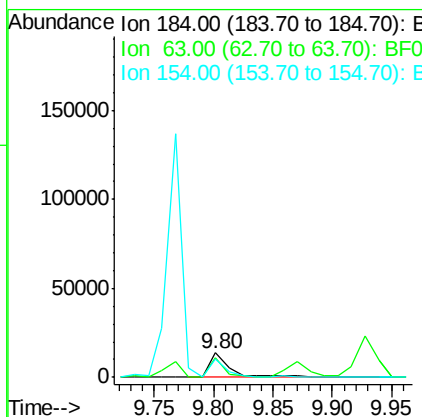
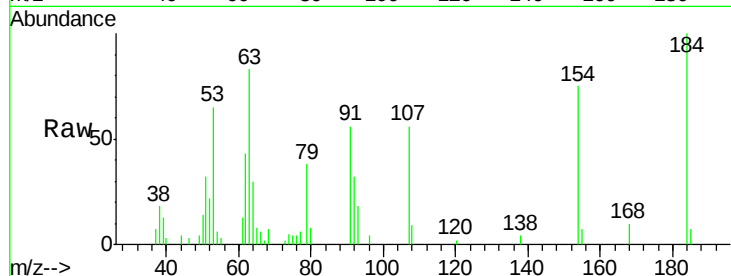




#53
 2,4-Dinitrophenol
 Concen: 11.38 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

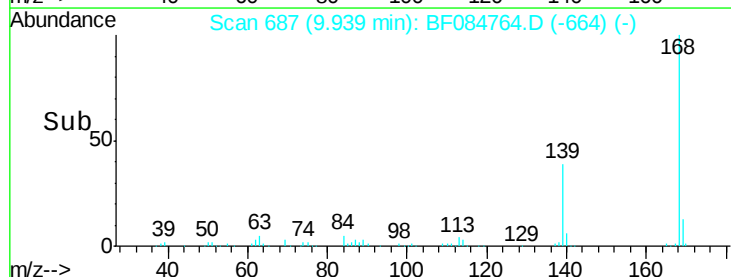
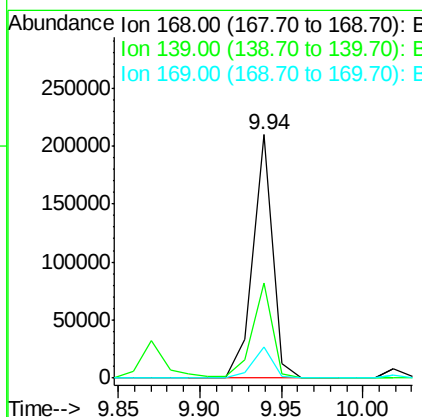
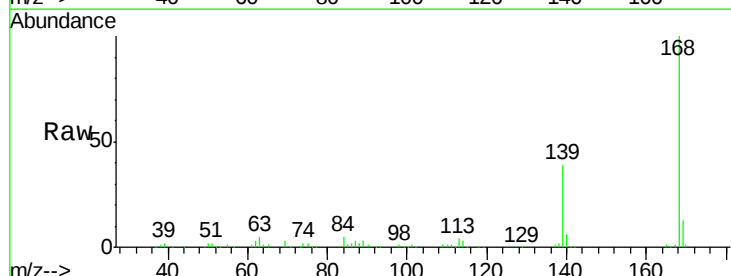
Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

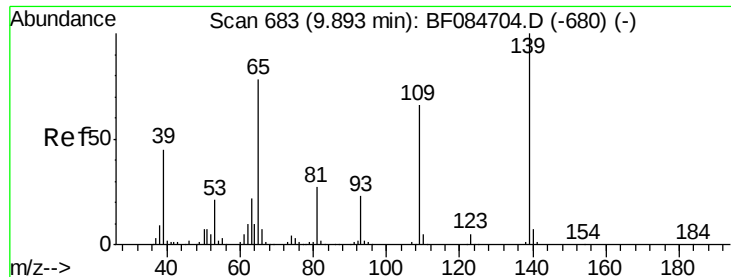
Tgt Ion:184 Resp: 15997
 Ion Ratio Lower Upper
 184 100
 63 83.1 43.1 64.7#
 154 75.4 60.5 90.7



#54
 Dibenzofuran
 Concen: 6.40 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion:168 Resp: 175888
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.5 45.7
 169 12.6 10.4 15.6

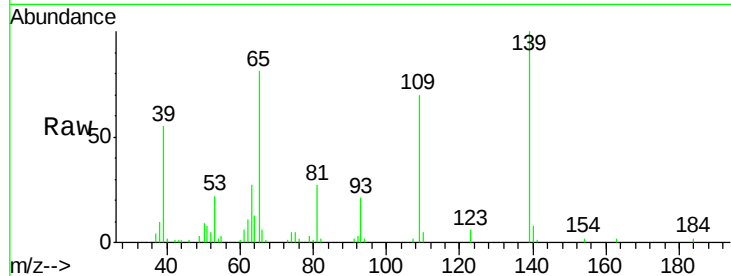




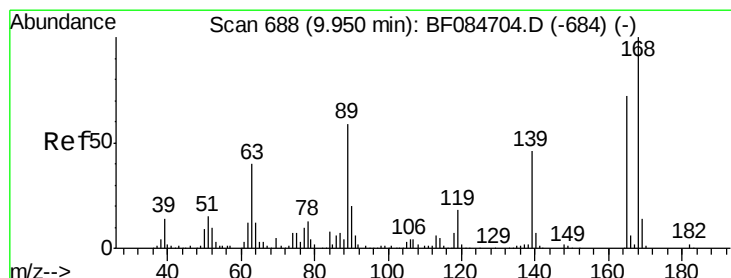
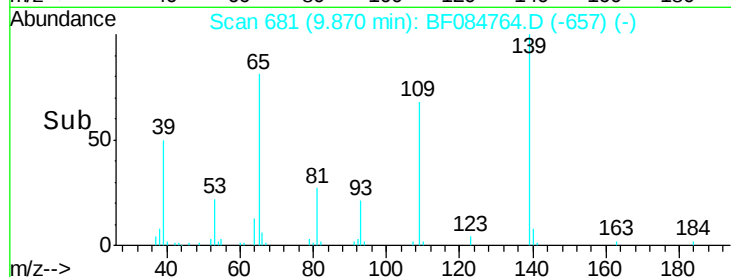
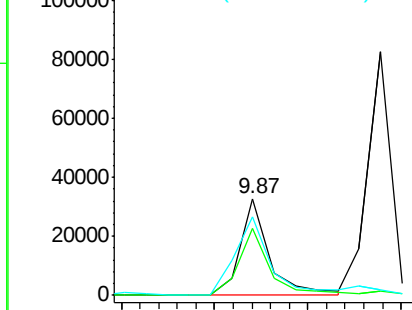
#55
4-Nitrophenol
Concen: 7.61 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Instrument :
BNA_F
ClientSampleId :
PB88115BS

Tgt Ion:139 Resp: 36213
Ion Ratio Lower Upper
139 100
109 69.5 58.5 98.5
65 81.2 57.6 97.6



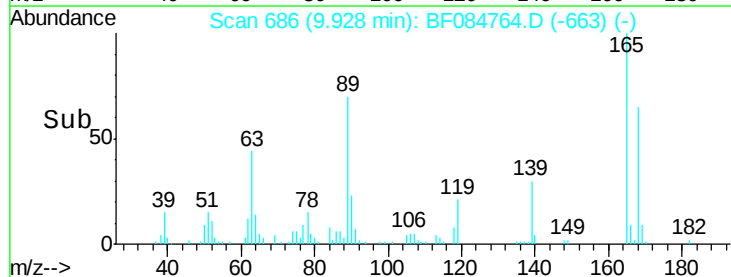
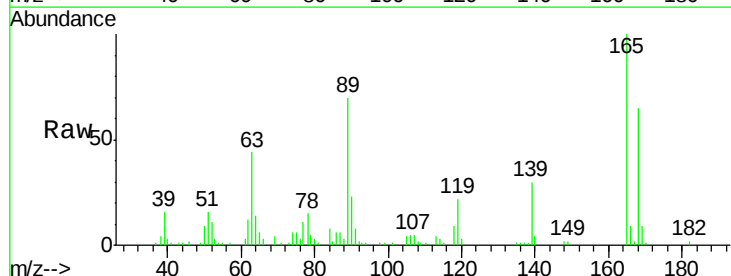
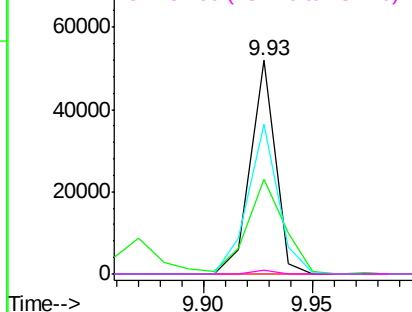
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

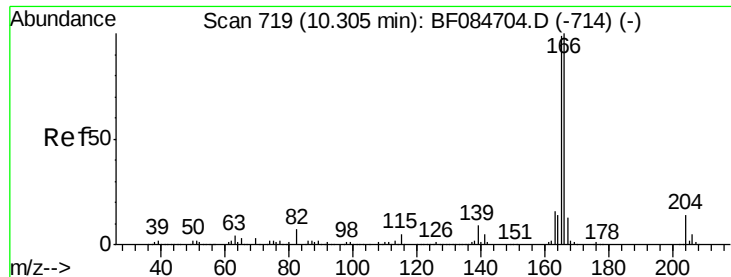


#56
2,4-Dinitrotoluene
Concen: 5.64 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:165 Resp: 41476
Ion Ratio Lower Upper
165 100
63 44.2 36.7 55.1
89 70.0 61.9 92.9
182 2.0 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

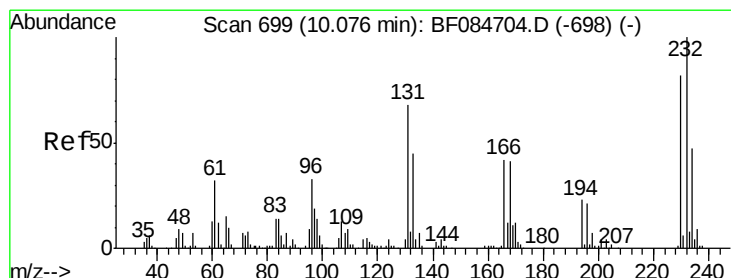
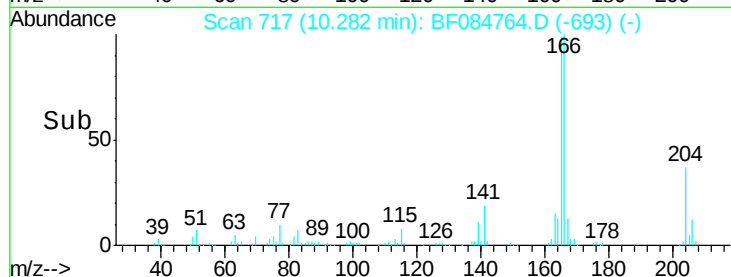
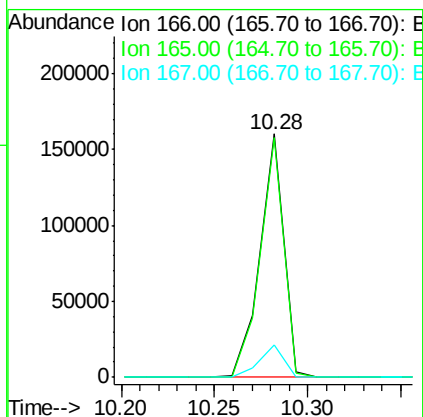
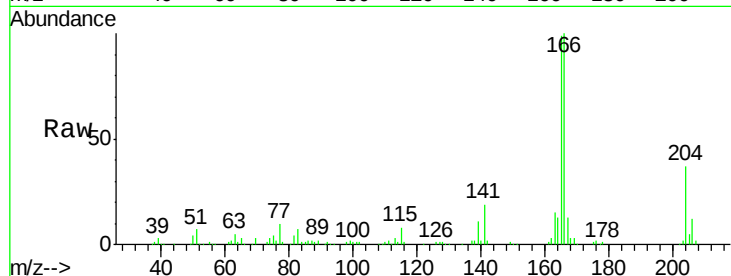




#57
 Fluorene
 Concen: 6.13 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

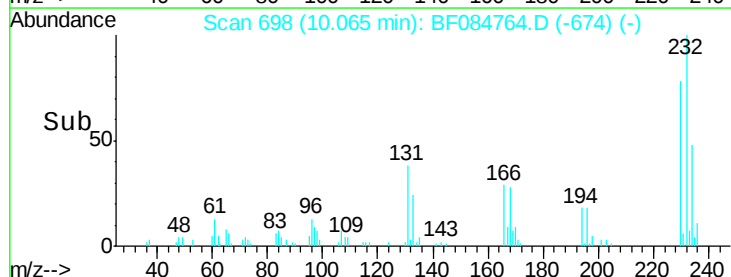
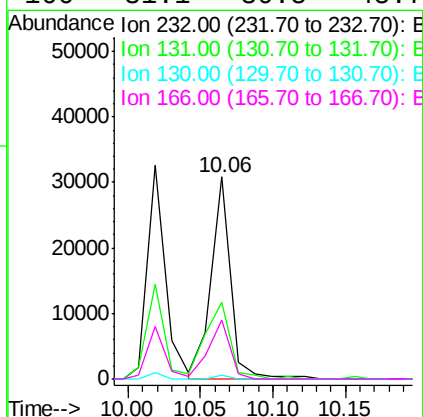
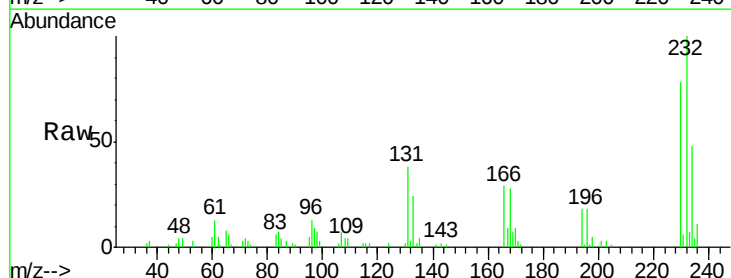
Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

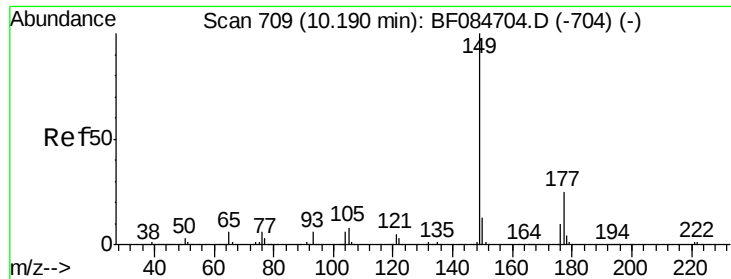
Tgt Ion:166 Resp: 140664
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.1 118.7
 167 13.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 5.31 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion:232 Resp: 29122
 Ion Ratio Lower Upper
 232 100
 131 48.4 47.0 70.6
 130 1.3 2.0 3.0#
 166 31.1 30.5 45.7

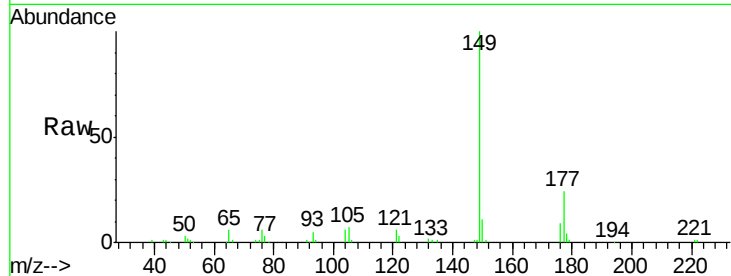




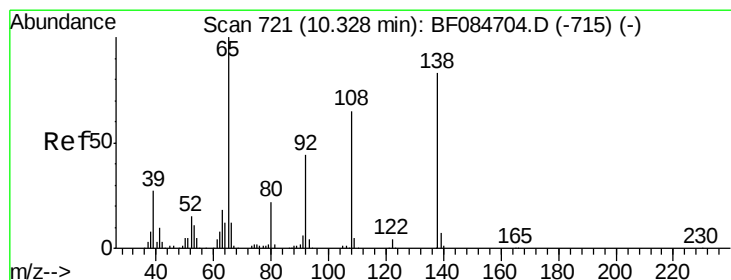
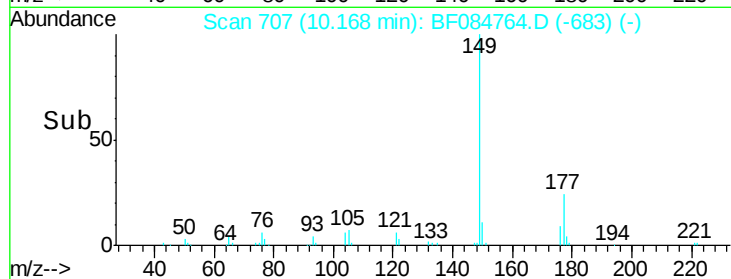
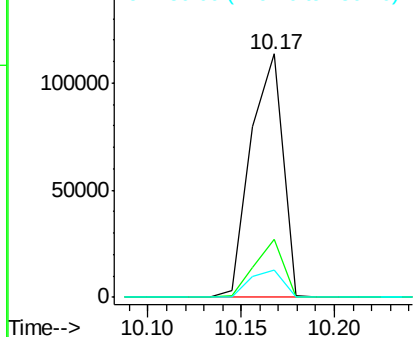
#59
Diethylphthalate
Concen: 5.25 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Instrument :
BNA_F
ClientSampleId :
PB88115BS

Tgt Ion:149 Resp: 135285
Ion Ratio Lower Upper
149 100
177 24.0 17.3 25.9
150 11.3 9.8 14.8

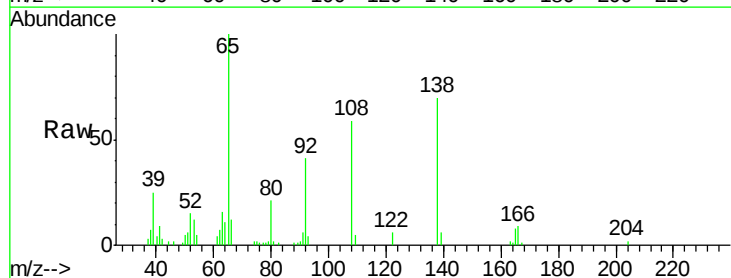


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

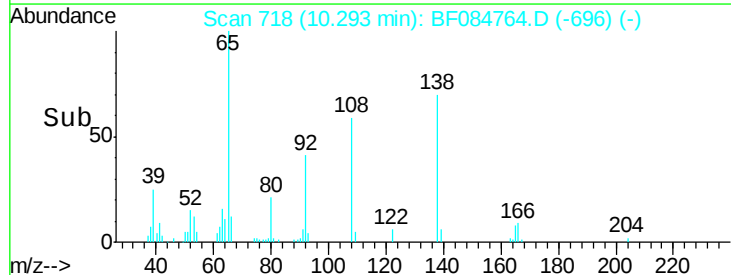
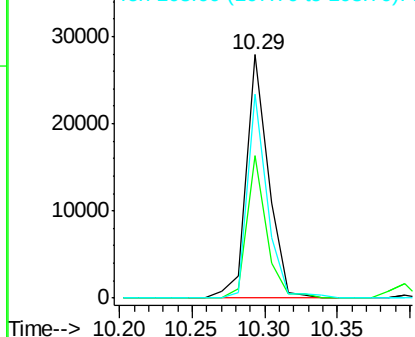


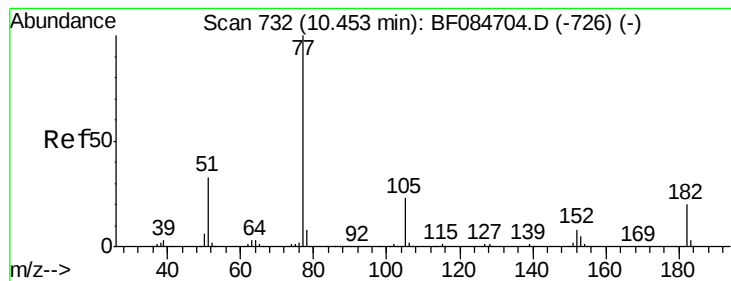
#61
4-Nitroaniline
Concen: 4.70 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.05 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:138 Resp: 29650
Ion Ratio Lower Upper
138 100
92 58.7 32.6 72.6
108 83.7 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 5.60 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

Tgt Ion: 77 Resp: 138656

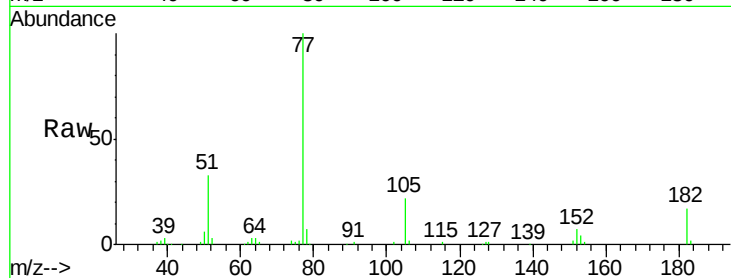
Ion Ratio Lower Upper

77 100

182 16.5 8.3 48.3

105 22.3 4.6 44.6

51 32.7 6.2 46.2

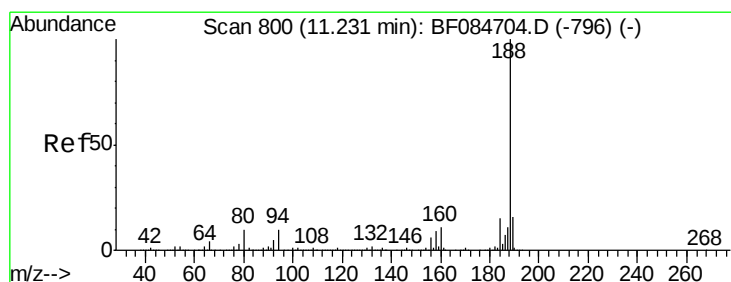
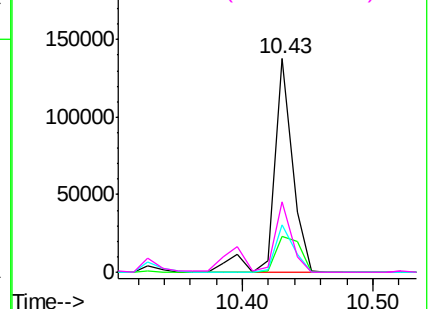
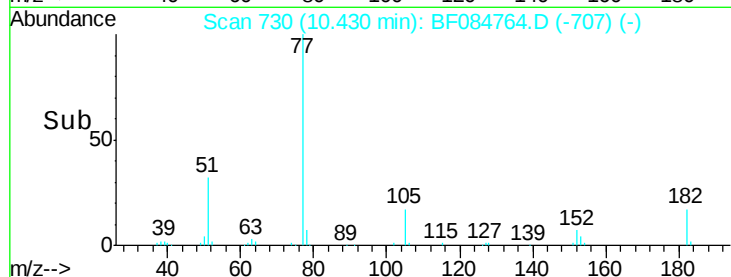


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

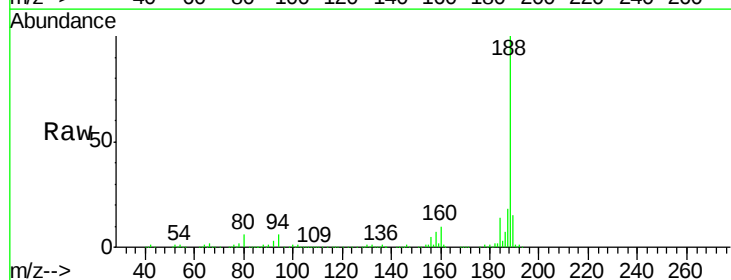
Tgt Ion: 188 Resp: 671233

Ion Ratio Lower Upper

188 100

94 5.9 9.0 13.4#

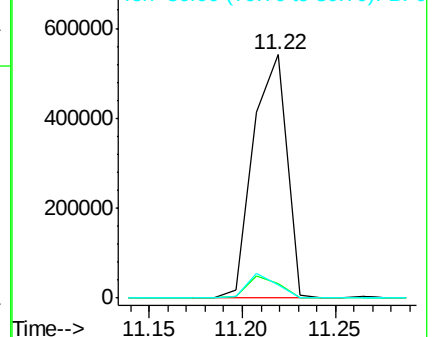
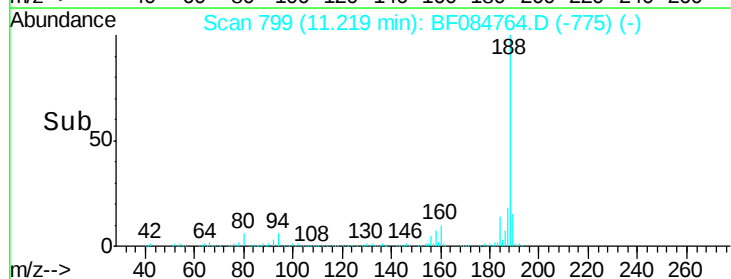
80 5.6 9.6 14.4#

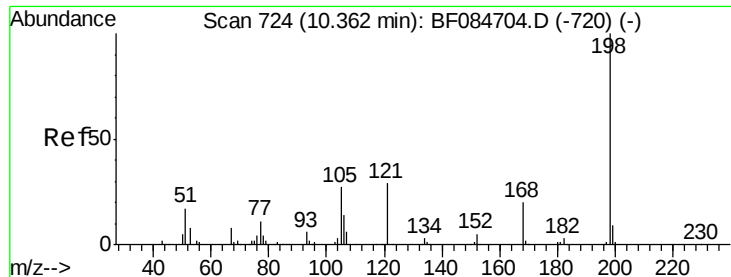


Abundance Ion 188.00 (187.70 to 188.70): E

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: 3.06 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

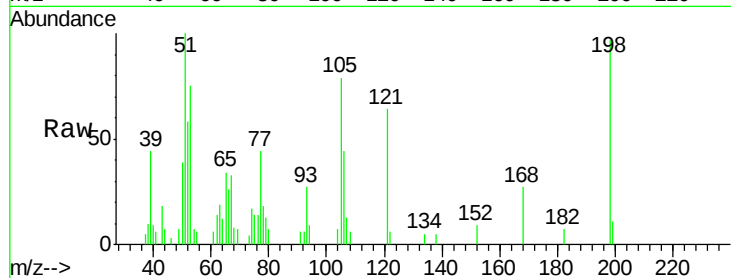
Tgt Ion:198 Resp: 12691

Ion Ratio Lower Upper

198 100

51 102.9 18.9 58.9#

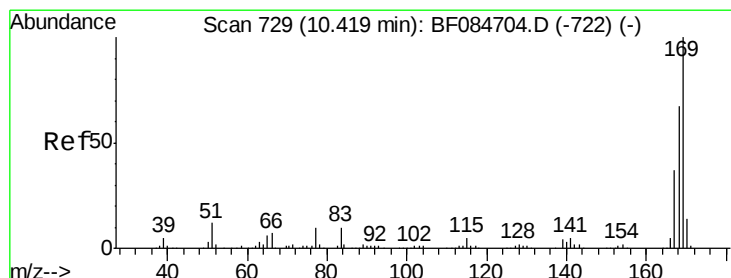
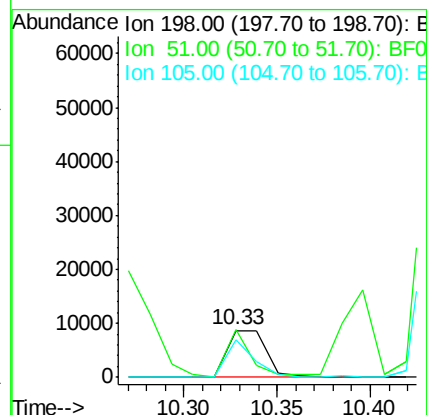
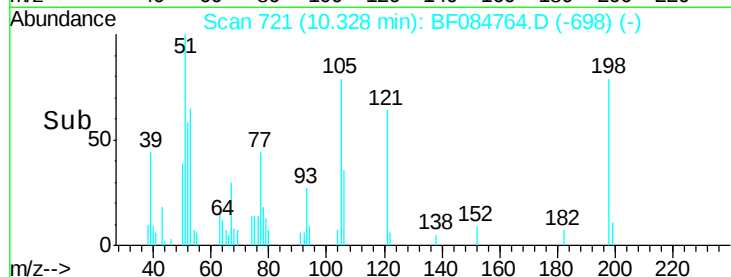
105 81.1 26.4 66.4#



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: 5.67 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

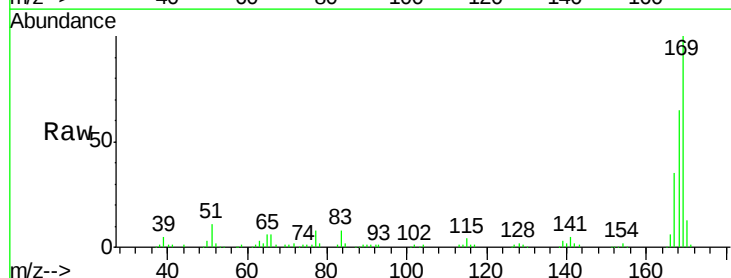
Tgt Ion:169 Resp: 120953

Ion Ratio Lower Upper

169 100

168 65.2 55.1 82.7

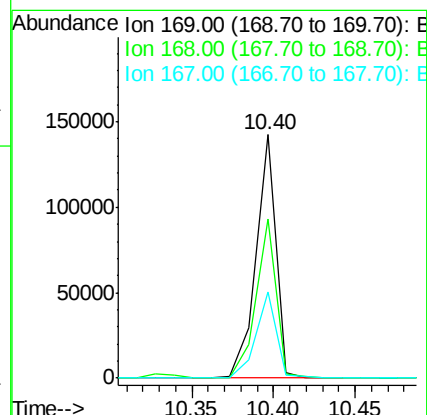
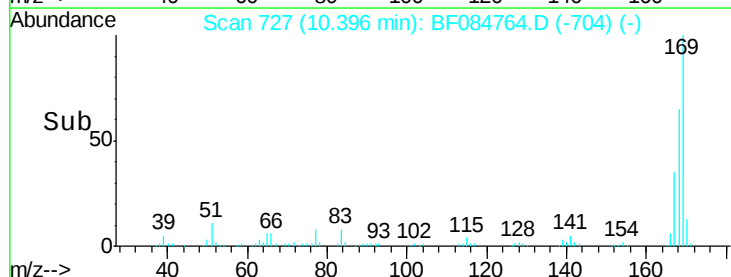
167 35.3 30.0 45.0

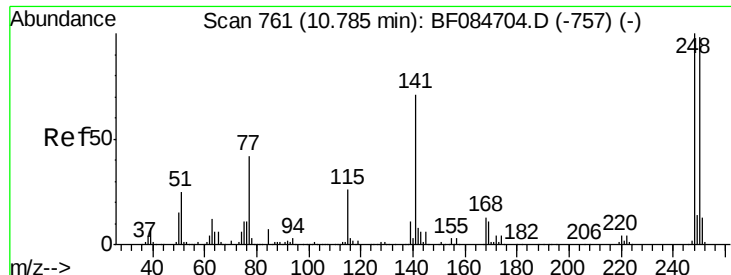


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

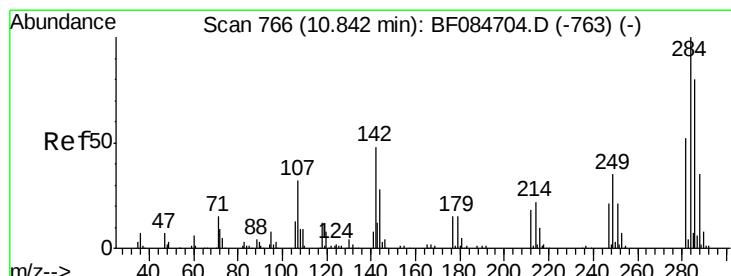
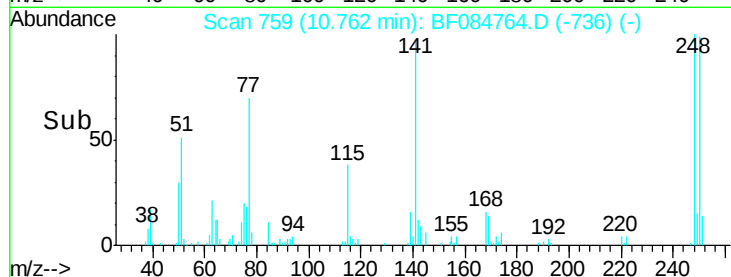
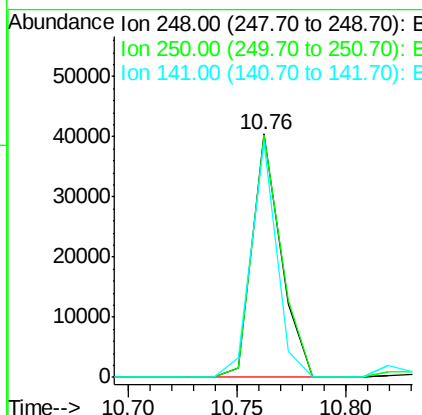
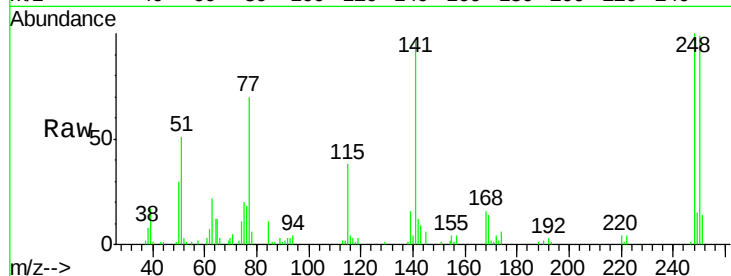




#66
 4-Bromophenyl-phenylether
 Concen: 5.02 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

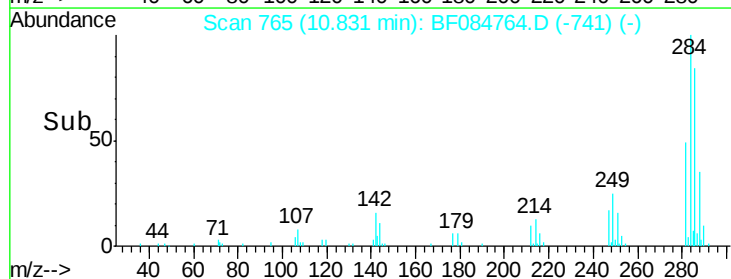
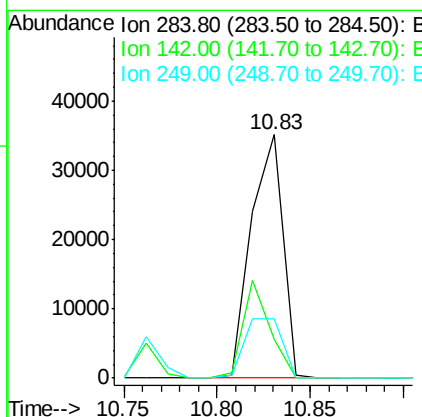
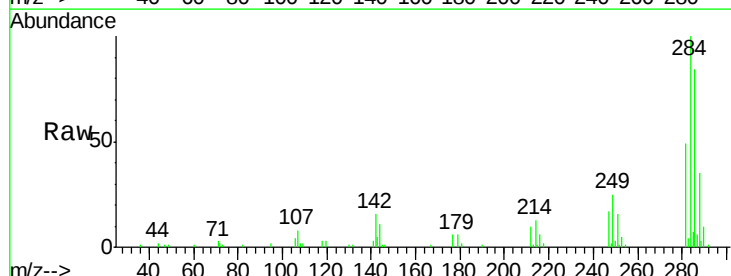
Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

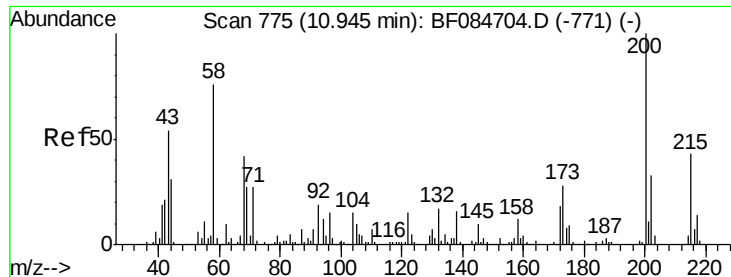
Tgt Ion:248 Resp: 37198
 Ion Ratio Lower Upper
 248 100
 250 99.3 78.4 117.6
 141 97.1 44.0 66.0#



#67
 Hexachlorobenzene
 Concen: 5.11 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion:284 Resp: 41252
 Ion Ratio Lower Upper
 284 100
 142 16.0 22.2 33.4#
 249 24.6 24.6 37.0#

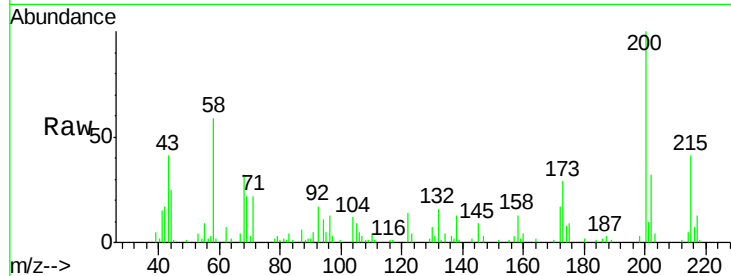




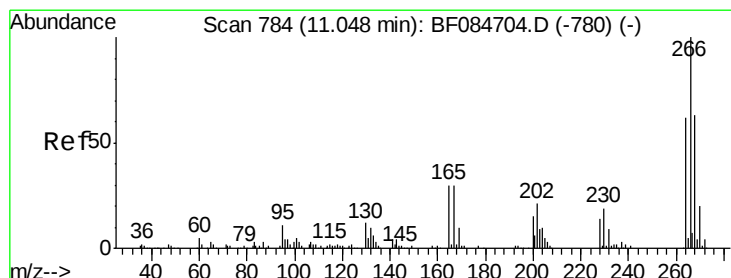
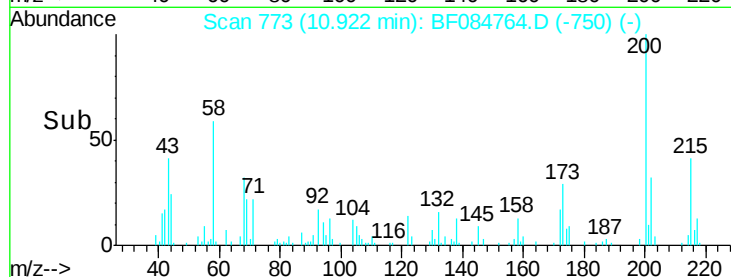
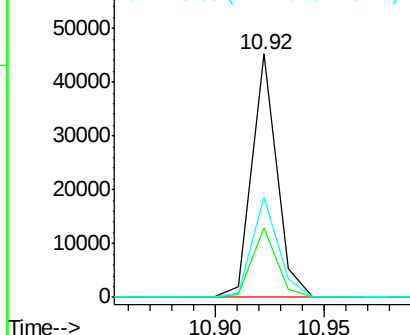
#68
 Atrazine
 Concen: 5.36 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.03 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

Tgt Ion:200 Resp: 36056
 Ion Ratio Lower Upper
 200 100
 173 28.7 9.5 49.5
 215 40.9 23.8 63.8

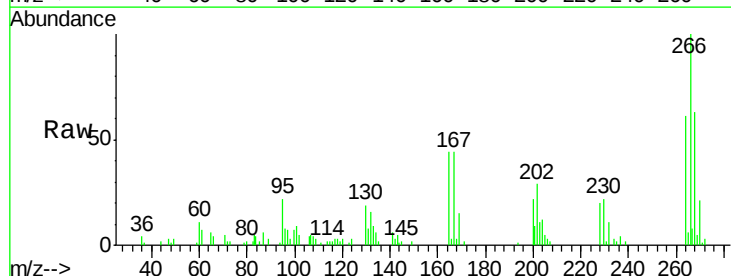


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

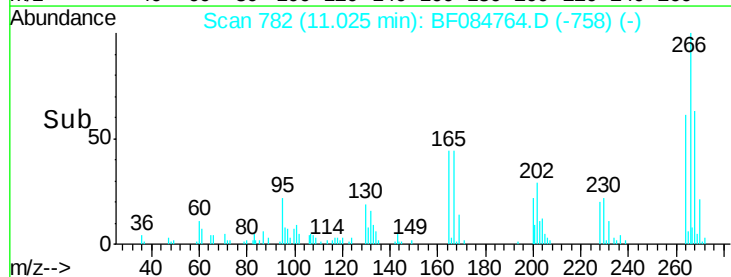
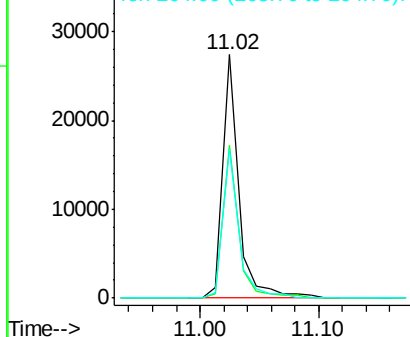


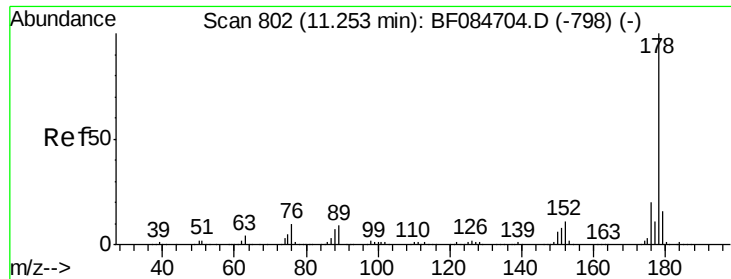
#69
 Pentachlorophenol
 Concen: 6.66 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion:266 Resp: 25271
 Ion Ratio Lower Upper
 266 100
 268 63.0 52.4 78.6
 264 61.2 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

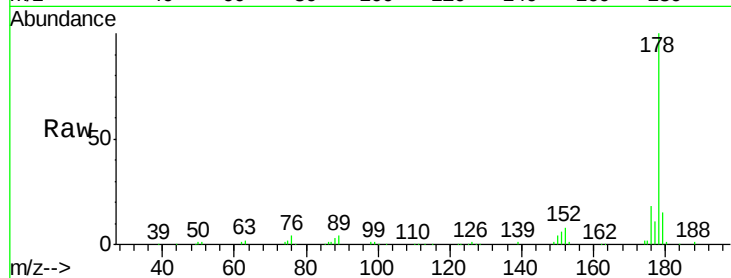




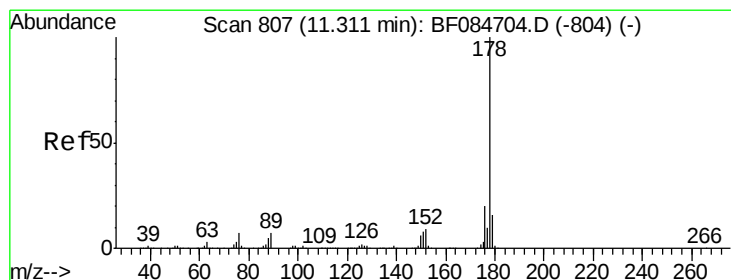
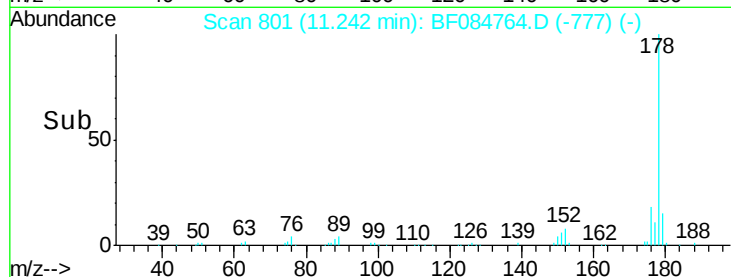
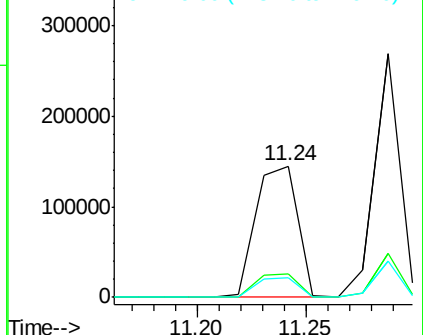
#70
Phenanthrene
Concen: 5.24 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Instrument :
BNA_F
ClientSampleId :
PB88115BS

Tgt Ion:178 Resp: 194990
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 14.8 12.0 18.0

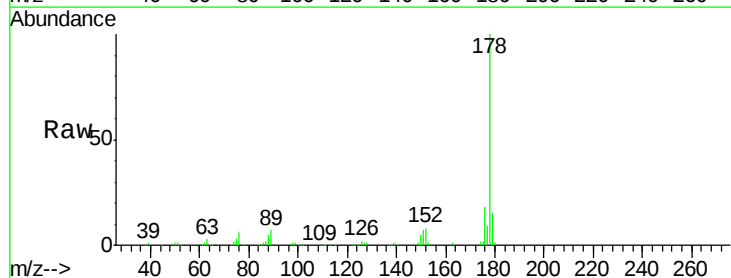


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

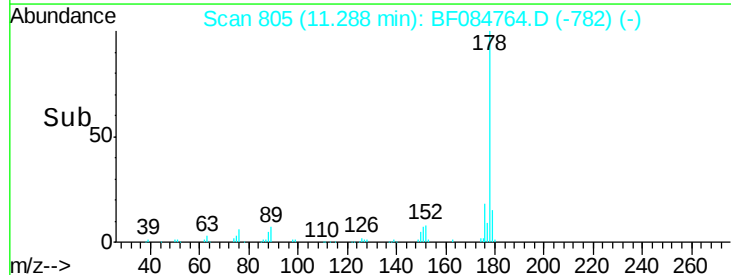
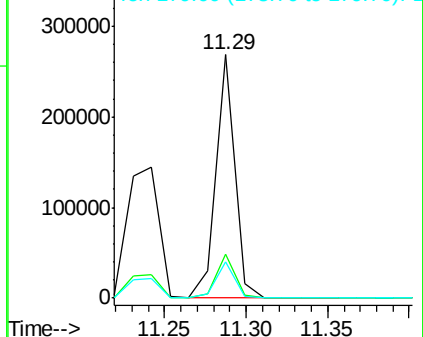


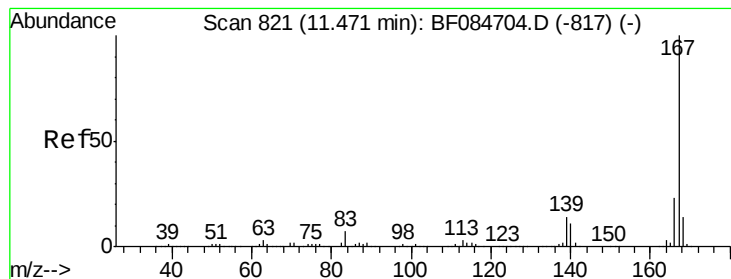
#71
Anthracene
Concen: 5.79 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:178 Resp: 217040
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 14.9 12.5 18.7



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: 5.64 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

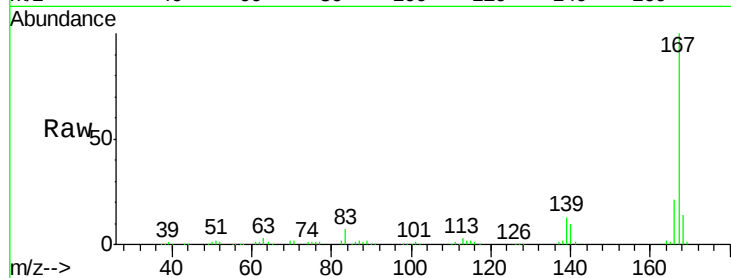
Tgt Ion:167 Resp: 184386

Ion Ratio Lower Upper

167 100

166 21.2 17.6 26.4

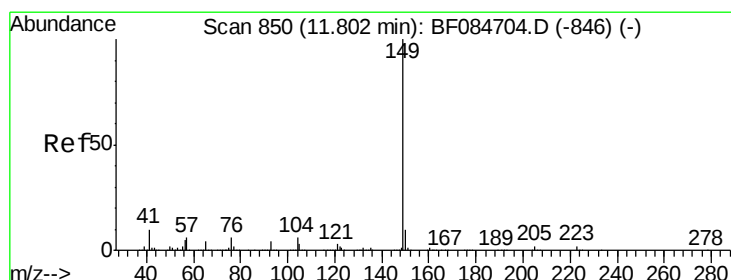
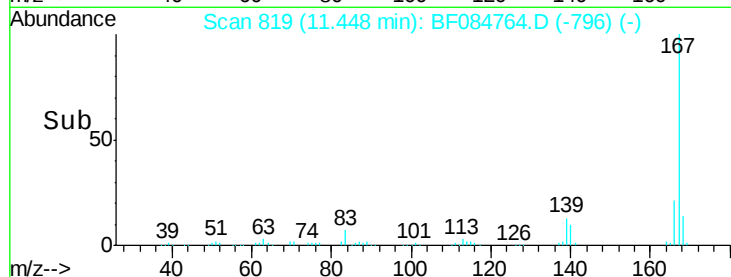
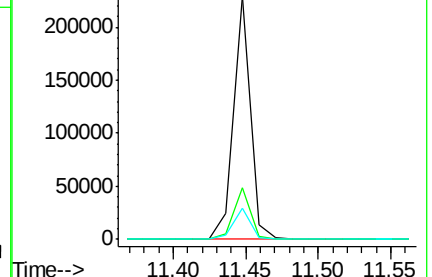
139 12.9 11.8 17.8



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: 5.17 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

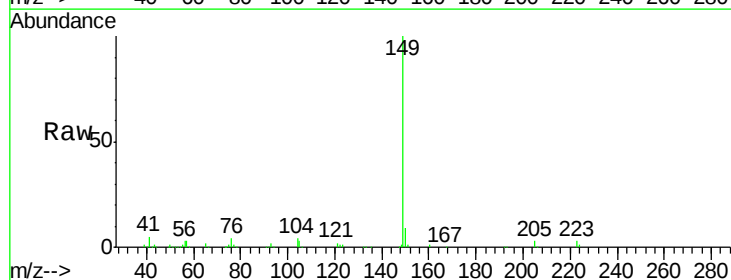
Tgt Ion:149 Resp: 215313

Ion Ratio Lower Upper

149 100

150 8.7 7.1 10.7

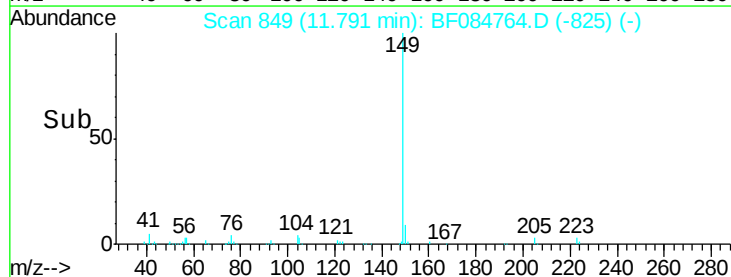
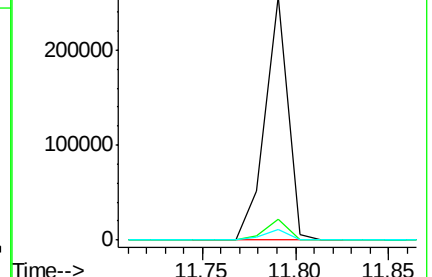
104 4.1 3.2 4.8

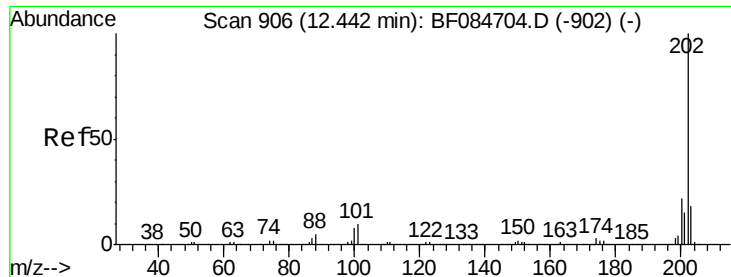


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 5.59 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

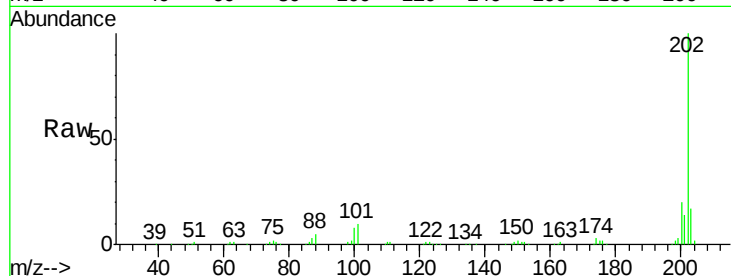
Tgt Ion: 202 Resp: 210654

Ion Ratio Lower Upper

202 100

101 9.9 0.0 32.8

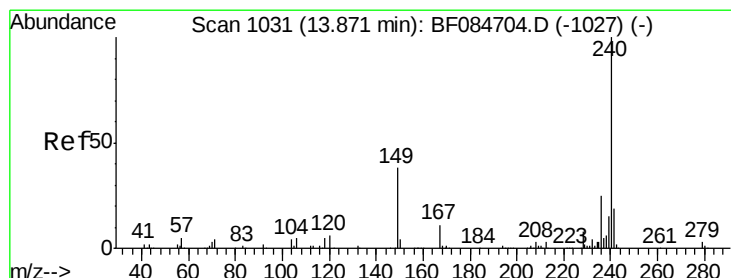
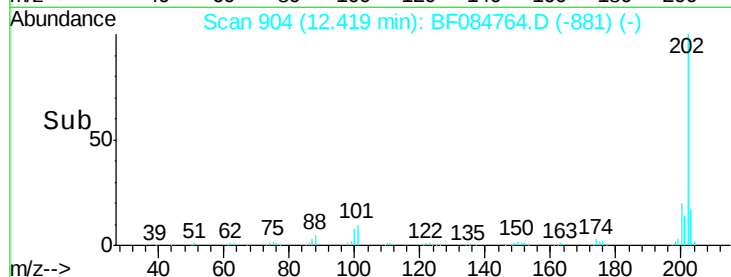
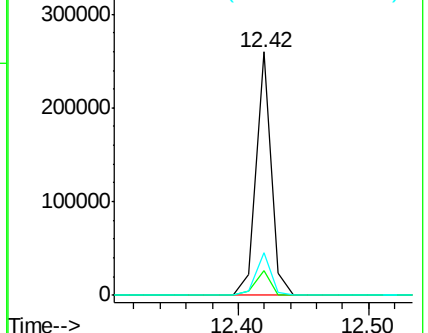
203 17.3 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

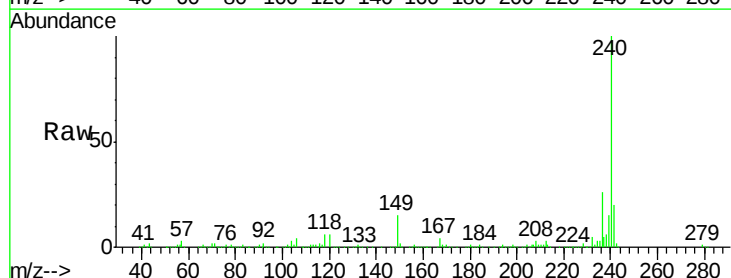
Tgt Ion: 240 Resp: 558528

Ion Ratio Lower Upper

240 100

120 6.5 9.5 14.3#

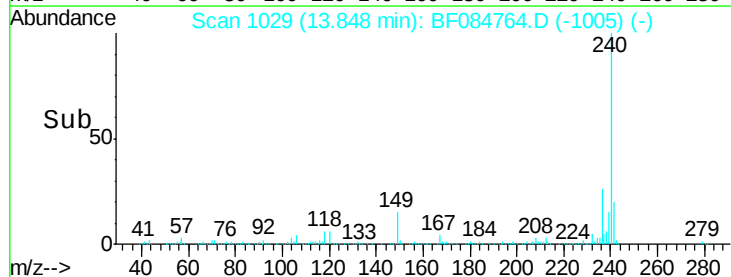
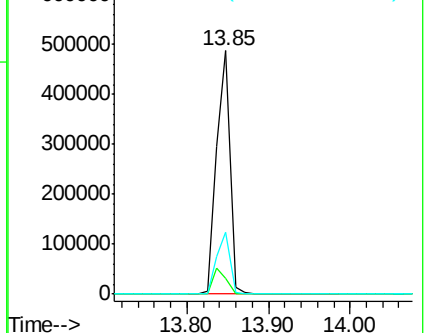
236 25.6 20.6 31.0

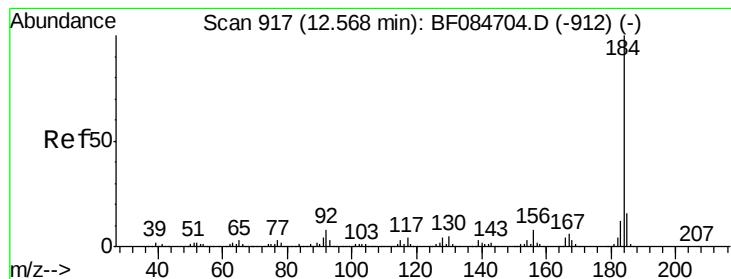


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 8.95 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

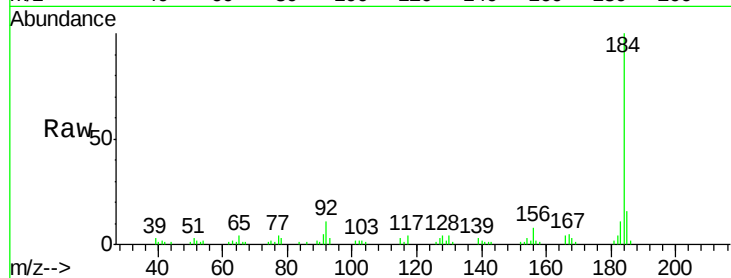
Tgt Ion:184 Resp: 60779

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.2

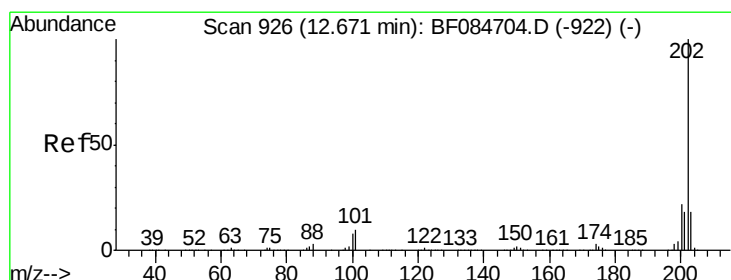
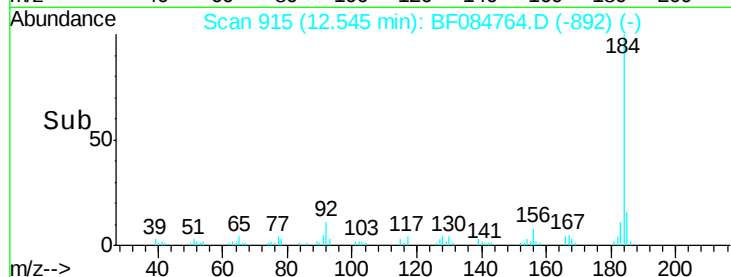
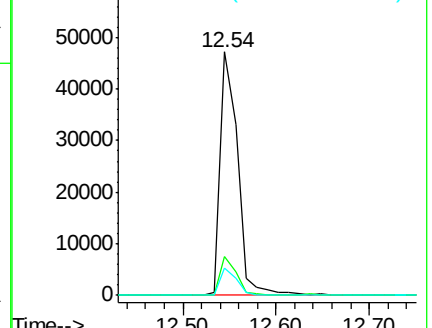
183 11.0 9.8 14.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 5.03 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

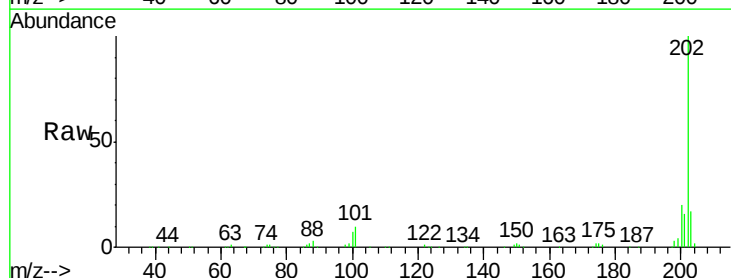
Tgt Ion:202 Resp: 214964

Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

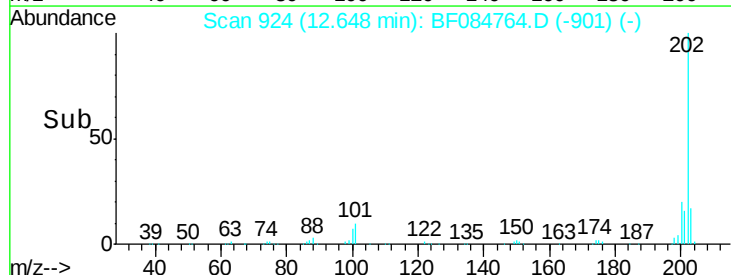
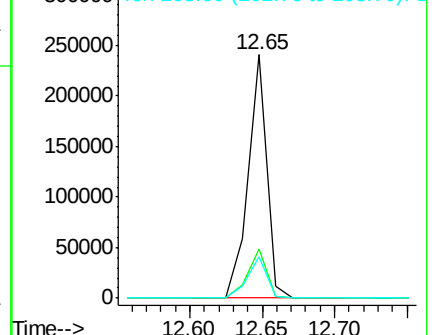
203 17.0 14.3 21.5

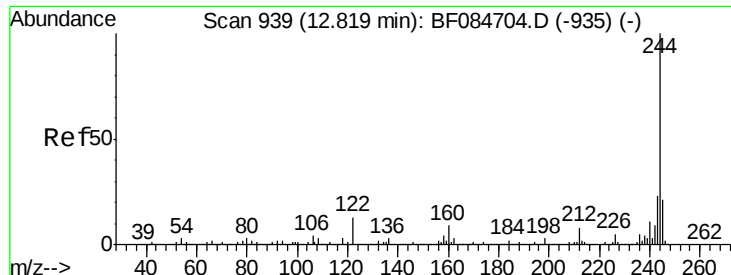


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.35 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

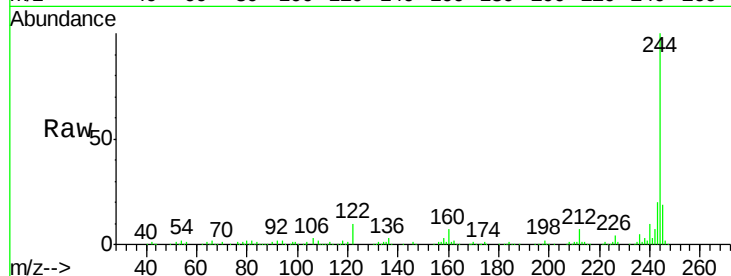
Tgt Ion:244 Resp: 279801

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

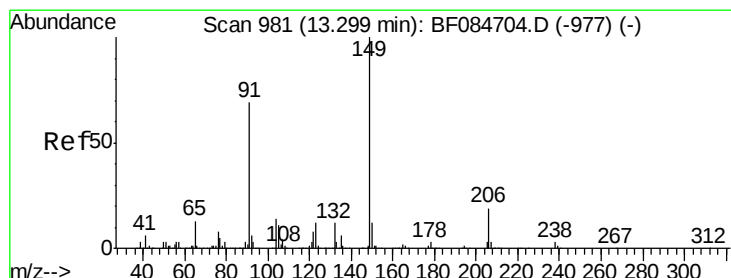
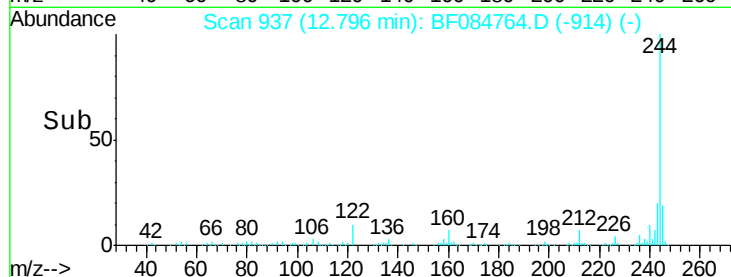
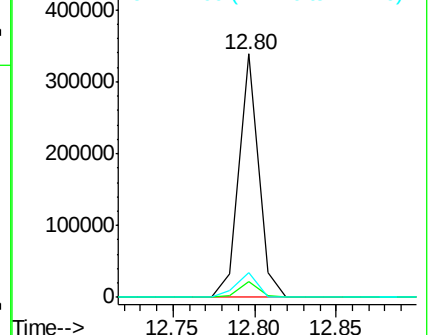
122 10.3 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 4.28 ng

RT: 13.28 min Scan# 979

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

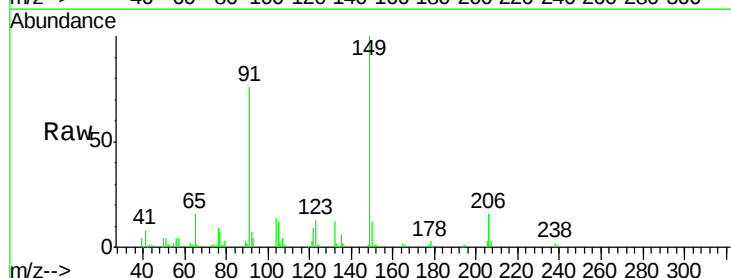
Tgt Ion:149 Resp: 83106

Ion Ratio Lower Upper

149 100

91 75.9 57.6 86.4

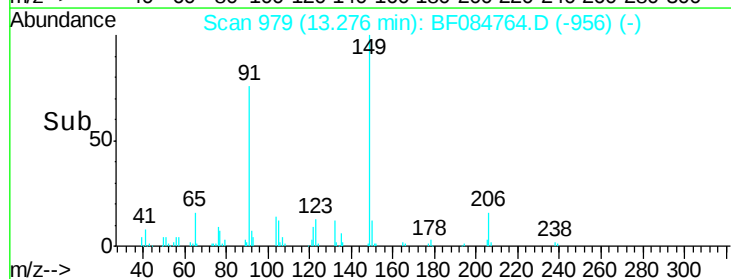
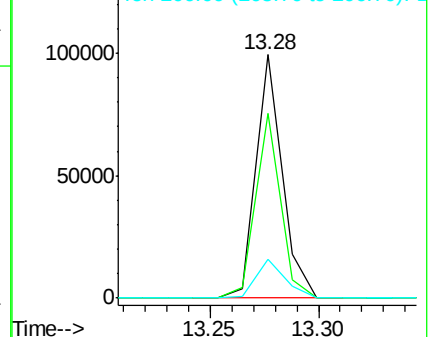
206 16.0 13.2 19.8

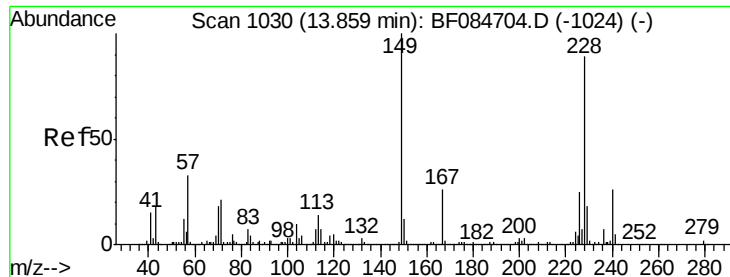


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 4.86 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

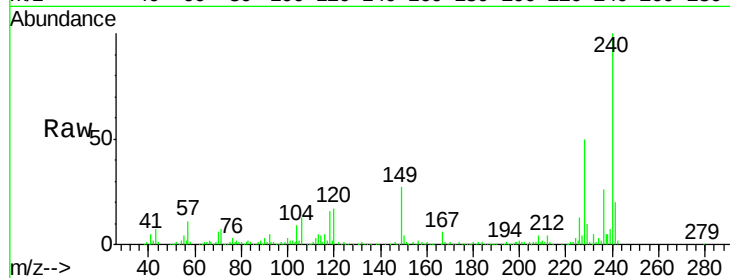
Tgt Ion:228 Resp: 168570

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.6

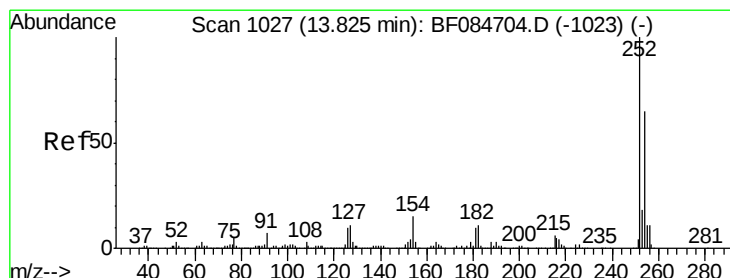
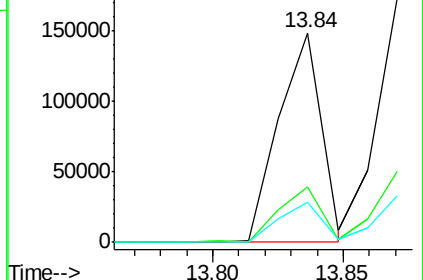
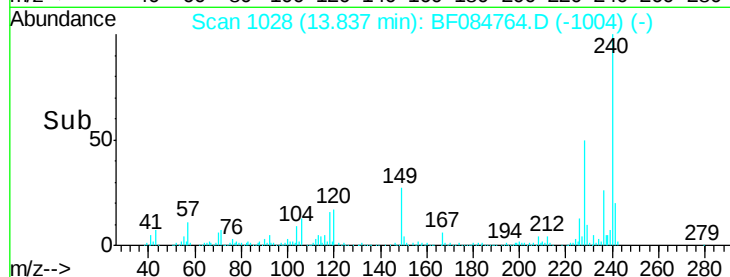
229 19.2 15.8 23.8



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: 2.97 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

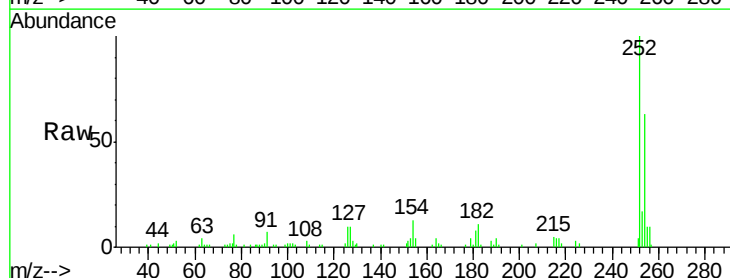
Tgt Ion:252 Resp: 36493

Ion Ratio Lower Upper

252 100

254 62.9 53.5 80.3

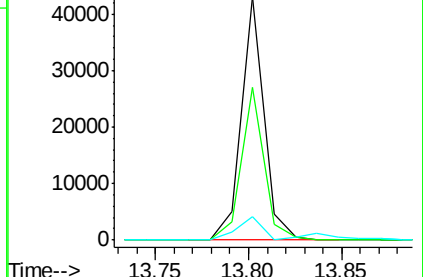
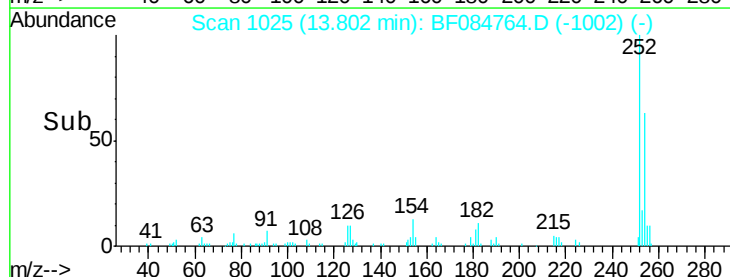
126 9.8 4.9 7.3#

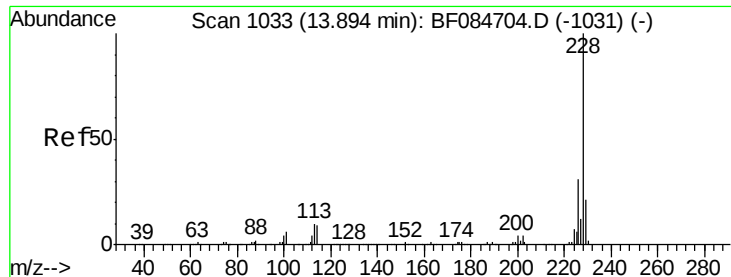


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 4.79 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

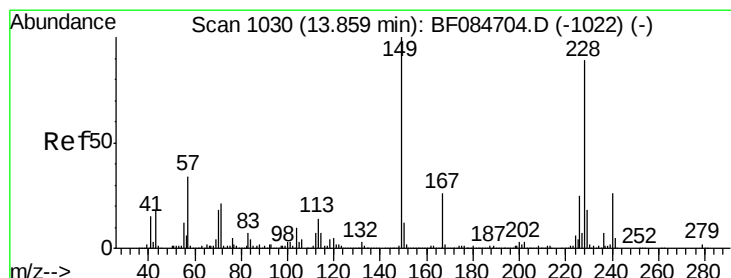
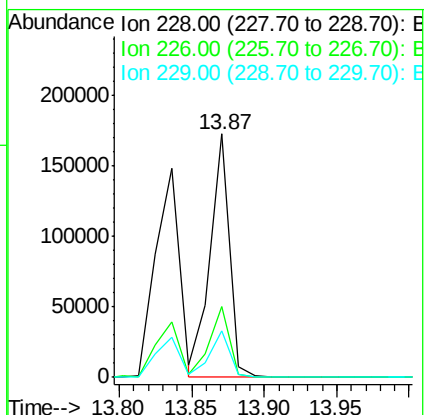
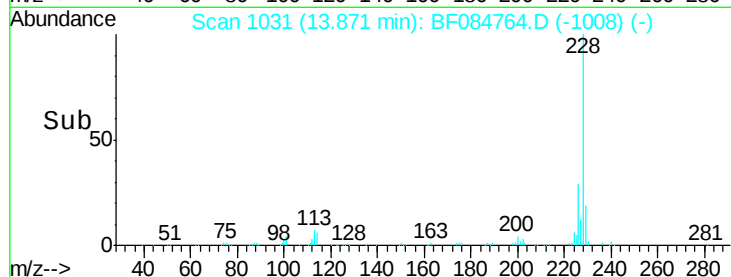
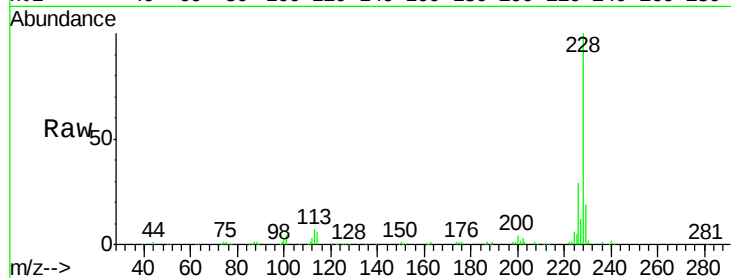
Tgt Ion:228 Resp: 161056

Ion Ratio Lower Upper

228 100

226 28.9 24.3 36.5

229 18.9 16.1 24.1



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.49 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

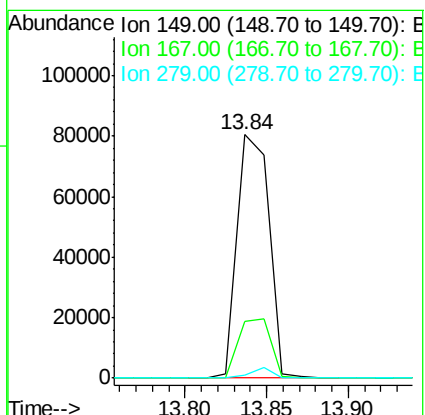
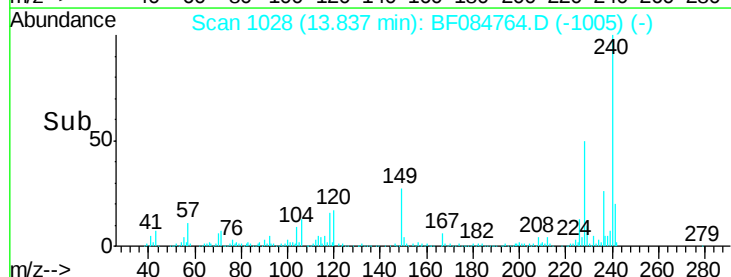
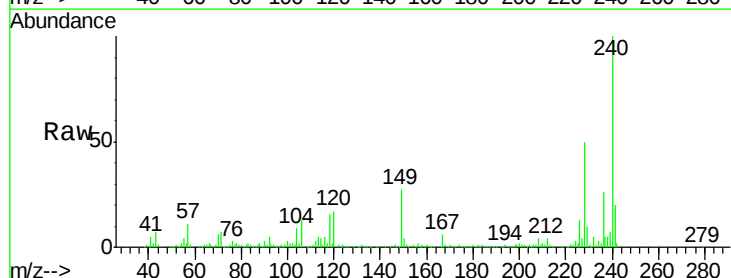
Tgt Ion:149 Resp: 108370

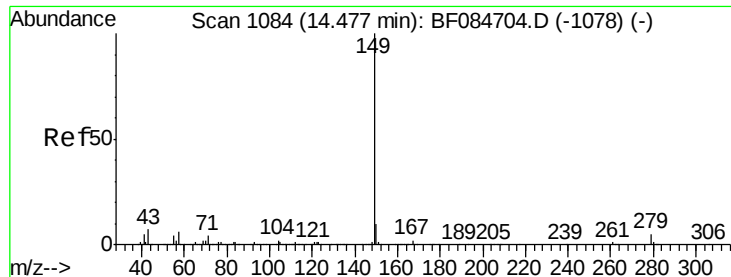
Ion Ratio Lower Upper

149 100

167 23.2 19.7 29.5

279 1.3 1.8 2.6#

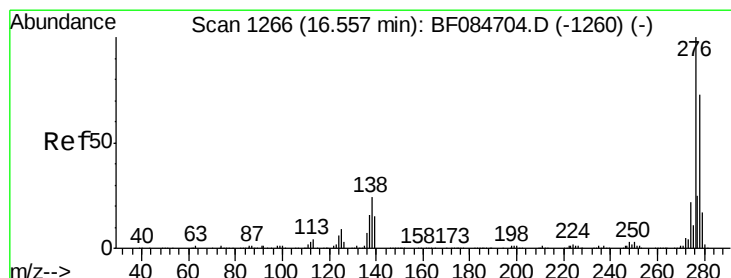
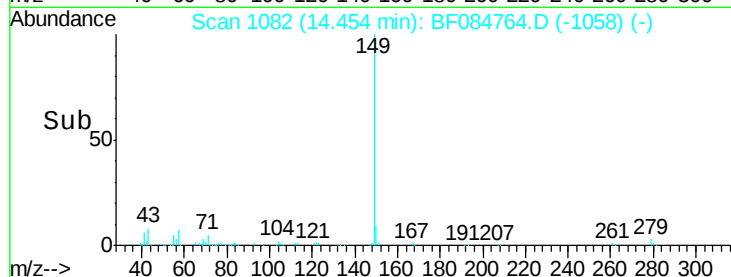
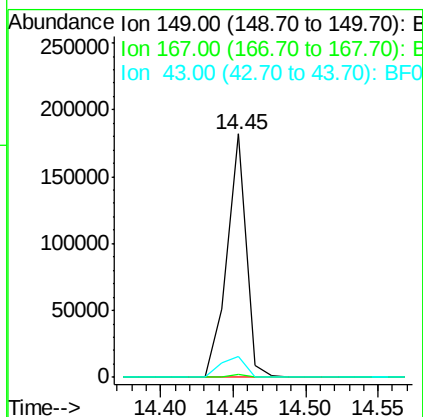
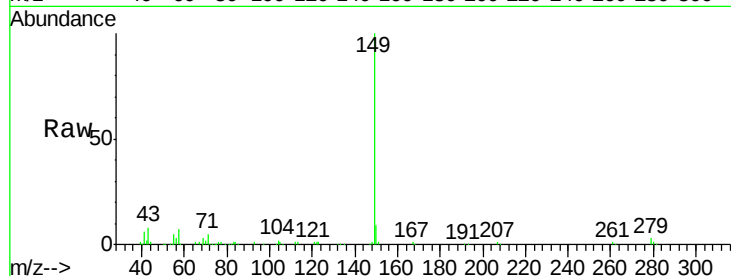




#84
 Di-n-octyl phthalate
 Concen: 4.20 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

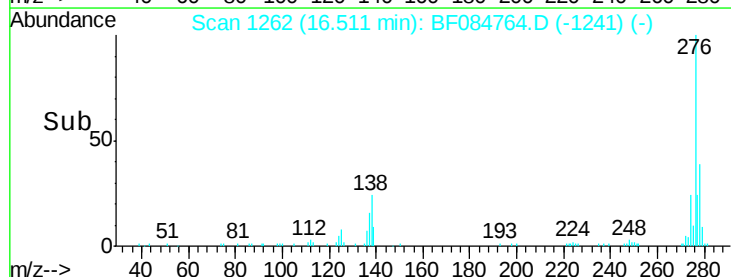
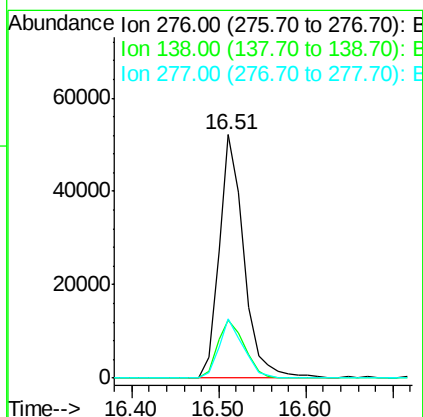
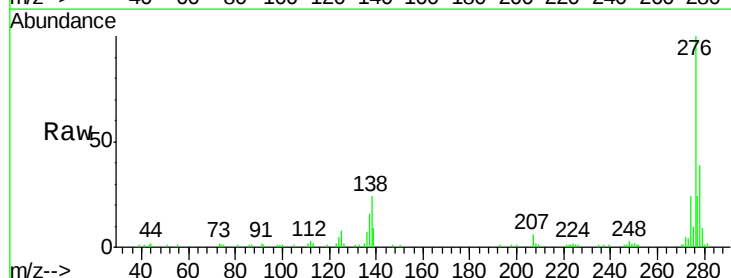
Instrument :
 BNA_F
 ClientSampleId :
 PB88115BS

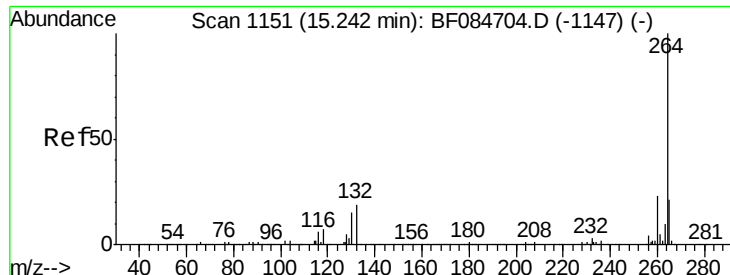
Tgt Ion:	149	Resp:	167308
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	11.2	5.6	8.4#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.90 ng
 RT: 16.51 min Scan# 1262
 Delta R.T. -0.06 min
 Lab File: BF084764.D
 Acq: 3 Feb 2016 1:08

Tgt Ion:	276	Resp:	103201
Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.6	30.8
277	23.5	20.1	30.1

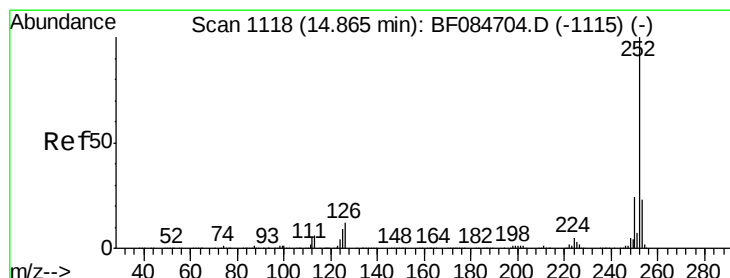
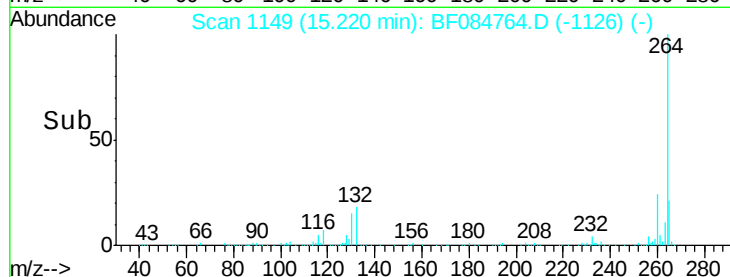
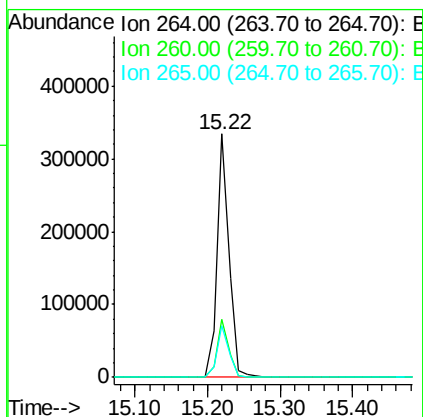
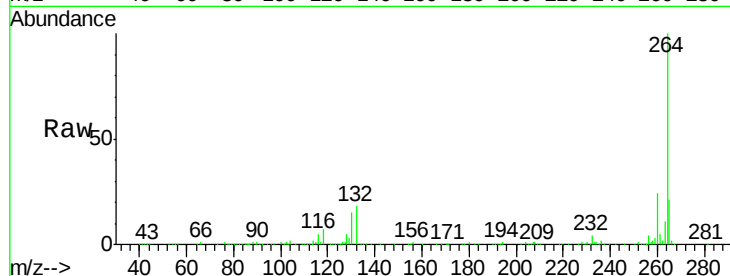




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

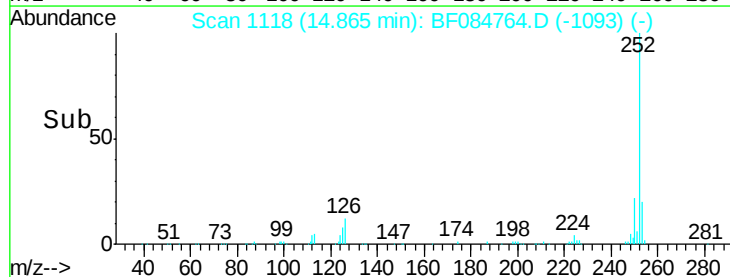
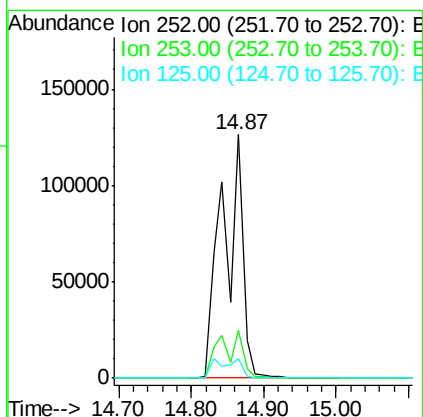
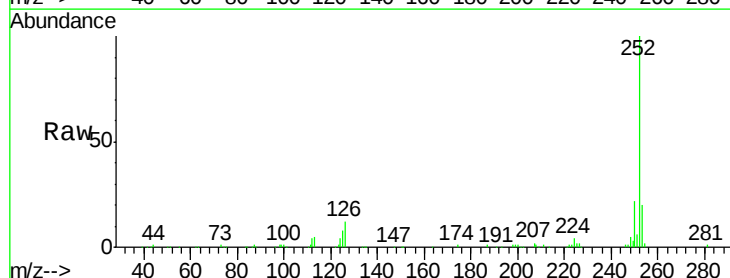
Instrument :
BNA_F
ClientSampleId :
PB88115BS

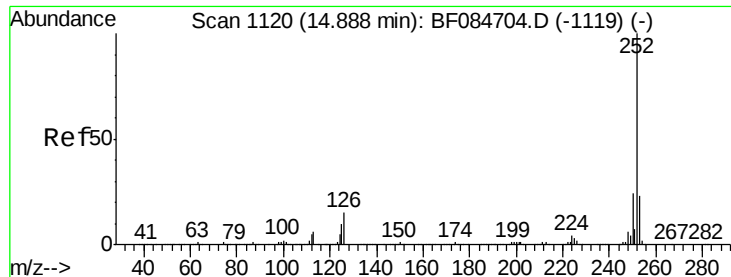
Tgt Ion: 264 Resp: 381511
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.3 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 9.67 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 252 Resp: 247876
Ion Ratio Lower Upper
252 100
253 19.9 17.3 25.9
125 8.3 6.5 9.7

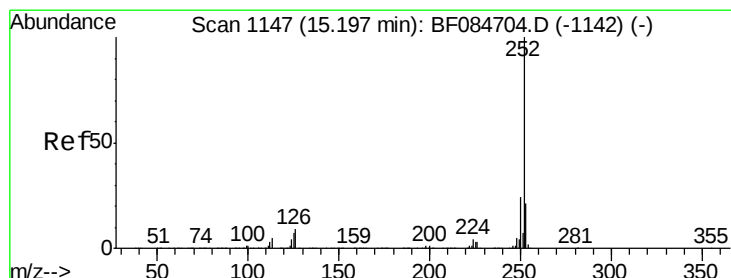
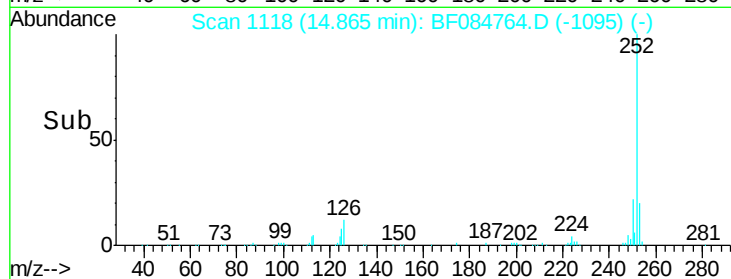
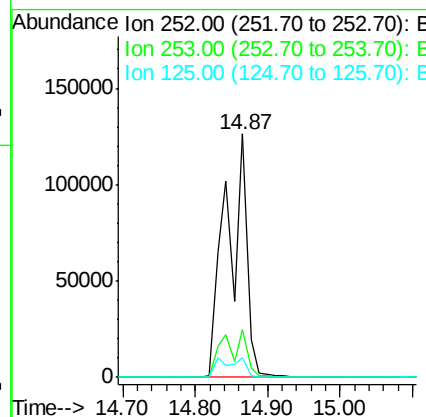
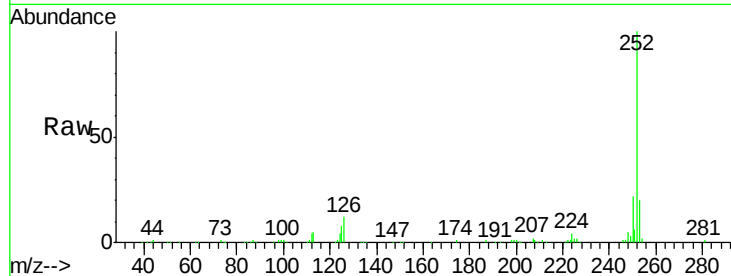




#88
Benzo(k)fluoranthene
Concen: 11.70 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

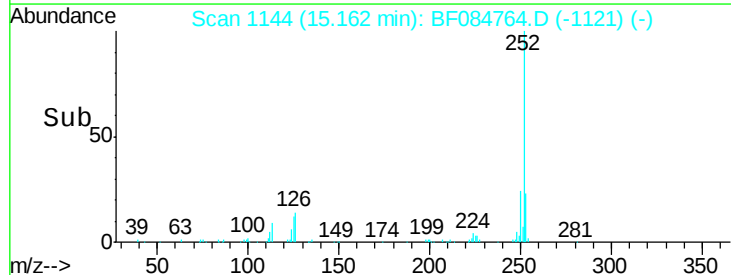
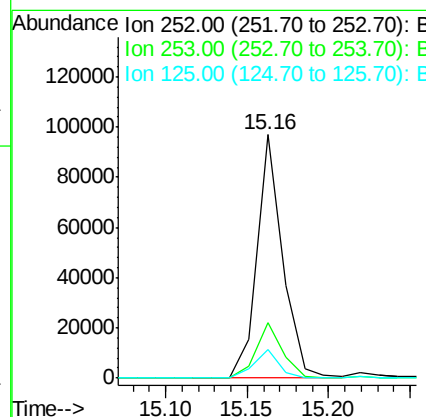
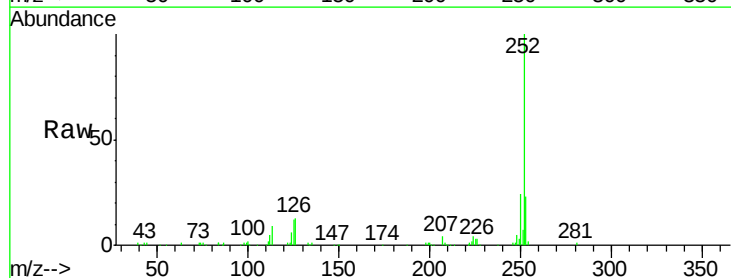
Instrument :
BNA_F
ClientSampleId :
PB88115BS

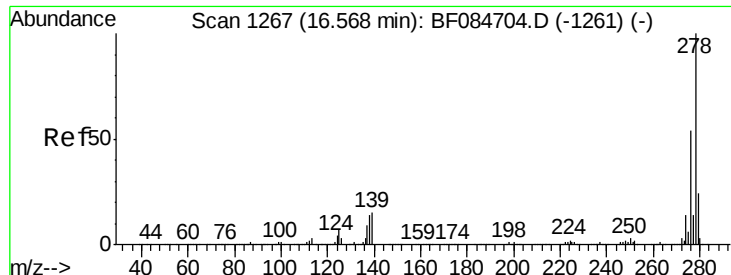
Tgt Ion:252 Resp: 247876
Ion Ratio Lower Upper
252 100
253 19.9 18.1 27.1
125 8.3 9.0 13.6#



#89
Benzo(a)pyrene
Concen: 4.88 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:252 Resp: 106610
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 11.8 7.0 10.4#





#90

Dibenzo(a,h)anthracene

Concen: 4.80 ng

RT: 16.52 min Scan# 1263

Delta R.T. -0.06 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

Instrument :

BNA_F

ClientSampleId :

PB88115BS

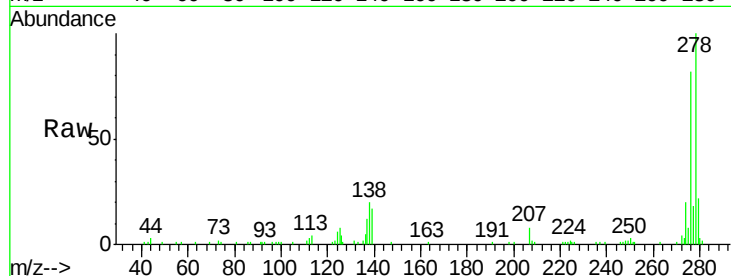
Tgt Ion: 278 Resp: 88317

Ion Ratio Lower Upper

278 100

139 16.6 15.0 22.4

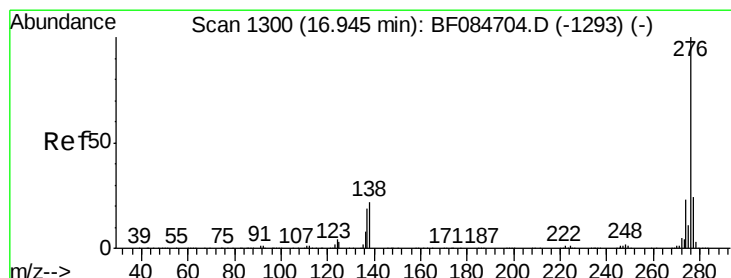
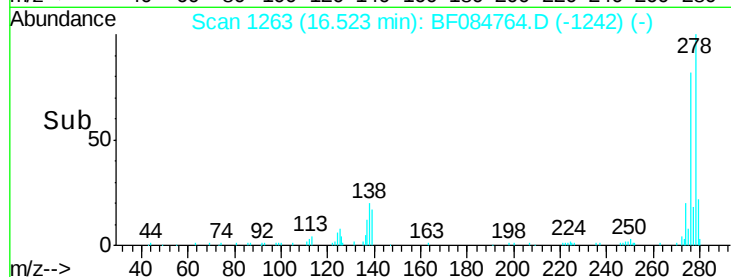
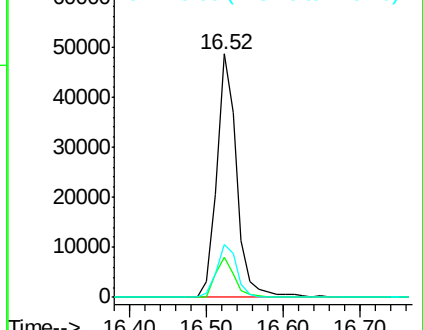
279 21.8 18.9 28.3



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: 4.94 ng

RT: 16.90 min Scan# 1296

Delta R.T. -0.06 min

Lab File: BF084764.D

Acq: 3 Feb 2016 1:08

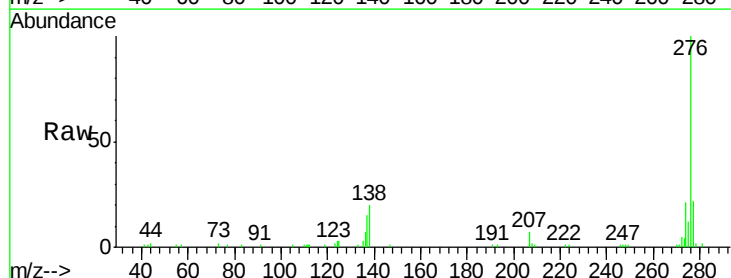
Tgt Ion: 276 Resp: 91528

Ion Ratio Lower Upper

276 100

277 21.9 18.8 28.2

138 20.1 17.8 26.6



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

