

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084863.D
 Acq On : 5 Feb 2016 16:51
 Operator : SJ/IZ
 Sample : H1311-23MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)MS

Quant Time: Feb 05 22:18:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	168515	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	705015	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	323791	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	570843	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	377457	20.00	ng	-0.03
86) Perylene-d12	15.17	264	322105	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1335840	123.47	ng	-0.01
7) Phenol-d6	6.32	99	1585464	118.21	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1033660	82.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	371980	110.14	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1602704	82.54	ng	-0.02
78) Terphenyl-d14	12.76	244	1312994	78.82	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.21	88	151707	32.01	ng	# 72
3) Pyridine	2.86	79	408159	33.06	ng	# 77
4) n-Nitrosodimethylamine	2.82	42	249015	38.99	ng	82
6) Aniline	6.33	93	509496	31.04	ng	# 65
8) 2-Chlorophenol	6.45	128	492153	40.19	ng	93
9) Benzaldehyde	6.20	77	175380	22.14	ng	99
10) Phenol	6.34	94	542752	36.12	ng	87
11) bis(2-Chloroethyl)ether	6.41	93	434984	37.12	ng	84
12) 1,3-Dichlorobenzene	6.68	146	518454	40.07	ng	97
13) 1,4-Dichlorobenzene	6.68	146	518454	40.08	ng	93
14) 1,2-Dichlorobenzene	6.83	146	435429	36.14	ng	96
15) Benzyl Alcohol	6.82	79	409058	44.17	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	747055	37.90	ng	87
17) 2-Methylphenol	6.94	107	415217	42.87	ng	# 92
18) Hexachloroethane	7.17	117	190630	38.27	ng	97
19) n-Nitroso-di-n-propylamine	7.09	70	336980	40.08	ng	# 76
20) 3+4-Methylphenols	7.09	107	487657	40.57	ng	# 79
22) Acetophenone	7.08	105	683951	36.81	ng	99
24) Nitrobenzene	7.25	77	492329	36.74	ng	96
25) Isophorone	7.49	82	947050	38.92	ng	97
26) 2-Nitrophenol	7.57	139	285389	43.18	ng	91
27) 2,4-Dimethylphenol	7.62	122	432400	37.61	ng	94
28) bis(2-Chloroethoxy)methane	7.71	93	551776	38.22	ng	99
29) 2,4-Dichlorophenol	7.81	162	389328	39.58	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	407598	36.68	ng	96
31) Naphthalene	7.97	128	1399654	39.58	ng	99
32) Benzoic acid	7.71	122	29209	3.97	ng	96
33) 4-Chloroaniline	8.03	127	330437	22.59	ng	94
34) Hexachlorobutadiene	8.10	225	233101	36.38	ng	99
35) Caprolactam	8.41	113	74456	24.56	ng	# 48
36) 4-Chloro-3-methylphenol	8.52	107	456024	40.63	ng	94
37) 2-Methylnaphthalene	8.66	142	862300	38.96	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	393261	38.24	ng	99
40) Hexachlorocyclopentadiene	8.82	237	354661	78.66	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	261884	39.53	ng	97
43) 2,4,5-Trichlorophenol	8.99	196	277593	41.24	ng #	87
45) 1,1'-Biphenyl	9.13	154	1077411	37.25	ng	99
46) 2-Chloronaphthalene	9.15	162	846168	39.73	ng	93
47) 2-Nitroaniline	9.25	65	295909	43.88	ng	94
48) Acenaphthylene	9.56	152	1196921	37.03	ng	98
49) Dimethylphthalate	9.45	163	1280373	51.92	ng #	91
50) 2,6-Dinitrotoluene	9.50	165	224475	41.67	ng #	86
51) Acenaphthene	9.73	154	787864	37.47	ng	97
52) 3-Nitroaniline	9.66	138	181722	30.02	ng	93
53) 2,4-Dinitrophenol	9.78	184	78514	35.09	ng #	84
54) Dibenzofuran	9.90	168	1031027	40.12	ng	92
55) 4-Nitrophenol	9.85	139	306340	68.85	ng #	82
56) 2,4-Dinitrotoluene	9.90	165	297756	43.33	ng #	91
57) Fluorene	10.25	166	854042	39.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	244530	47.72	ng	90
59) Diethylphthalate	10.13	149	891165	37.01	ng	98
60) 4-Chlorophenyl-phenylether	10.25	204	408285	45.34	ng #	87
61) 4-Nitroaniline	10.28	138	245779	41.66	ng	92
62) Azobenzene	10.41	77	1004185	43.37	ng	92
64) 4,6-Dinitro-2-methylphenol	10.30	198	143740	40.80	ng #	52
65) n-Nitrosodiphenylamine	10.36	169	753739	41.58	ng	98
66) 4-Bromophenyl-phenylether	10.73	248	249168	39.52	ng #	77
67) Hexachlorobenzene	10.80	284	297624	43.32	ng #	91
68) Atrazine	10.90	200	245721	42.93	ng	97
69) Pentachlorophenol	10.99	266	265251	82.15	ng	98
70) Phenanthrene	11.21	178	1352637	42.72	ng	98
71) Anthracene	11.25	178	1246192	39.06	ng	99
72) Carbazole	11.41	167	1153841	41.48	ng	100
73) Di-n-butylphthalate	11.76	149	1476607	41.69	ng #	97
74) Fluoranthene	12.39	202	1312428	40.96	ng	97
76) Benzidine	12.51	184	574424	43.82	ng	99
77) Pyrene	12.61	202	1400529	48.46	ng	99
79) Butylbenzylphthalate	13.24	149	575585	43.90	ng	95
80) Benzo(a)anthracene	13.79	228	1012101	43.20	ng	99
81) 3,3'-Dichlorobenzidine	13.77	252	177766	21.43	ng #	97
82) Chrysene	13.84	228	992674	43.70	ng	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	715569	43.86	ng	99
84) Di-n-octyl phthalate	14.42	149	1177448	43.74	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.44	276	796860	44.56	ng	99
87) Benzo(b)fluoranthene	14.80	252	1535740	70.96	ng #	96
88) Benzo(k)fluoranthene	14.80	252	1535740	85.82	ng	100
89) Benzo(a)pyrene	15.12	252	712937	38.66	ng #	97
90) Dibenzo(a,h)anthracene	16.45	278	669707	43.14	ng	98
91) Benzo(g,h,i)perylene	16.83	276	687283	43.95	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

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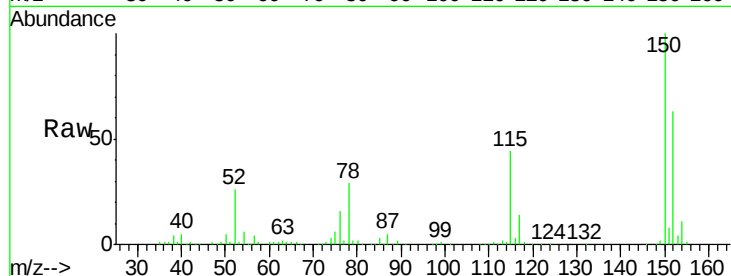
Tgt Ion:152 Resp: 168515

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

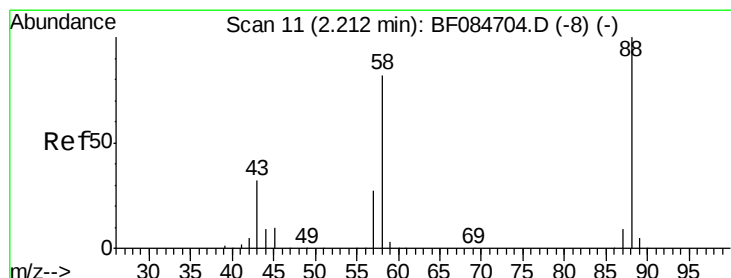
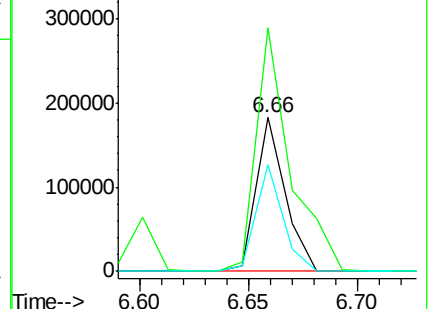
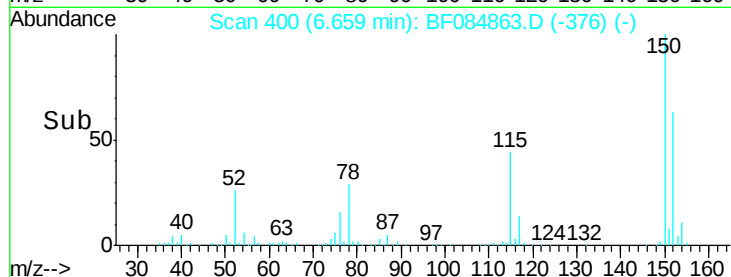
115 69.1 51.4 77.2



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: 32.01 ng

RT: 2.21 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

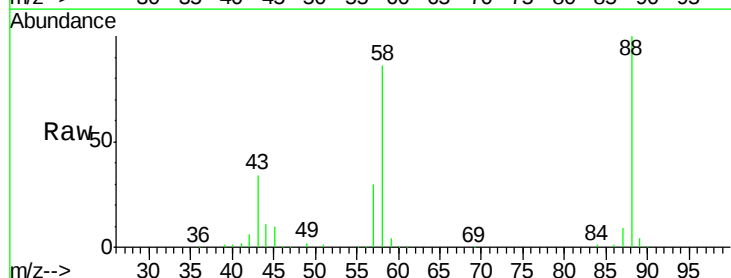
Tgt Ion: 88 Resp: 151707

Ion Ratio Lower Upper

88 100

58 87.5 51.2 76.8#

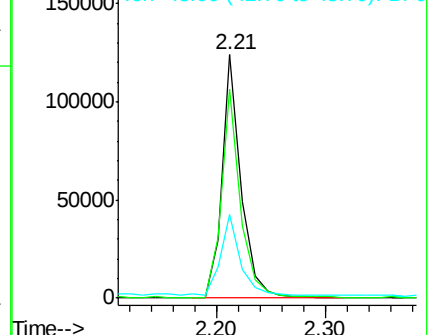
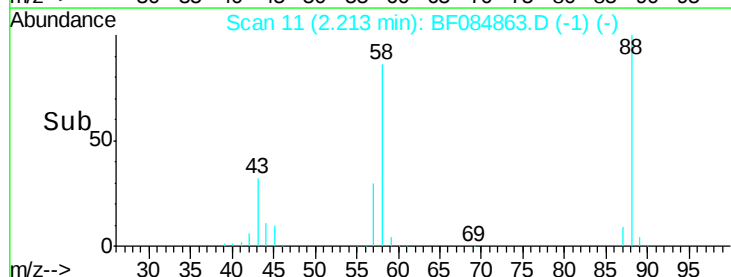
43 36.2 19.5 29.3#

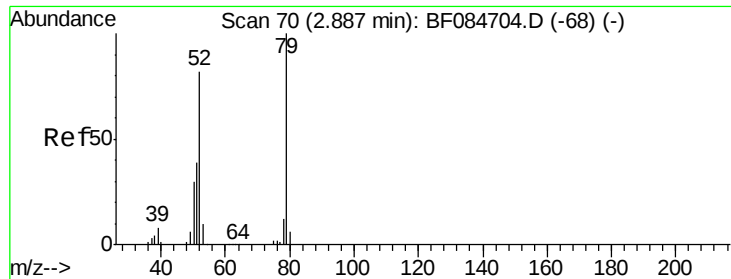


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.06 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.02 min

Lab File: BF084863.D

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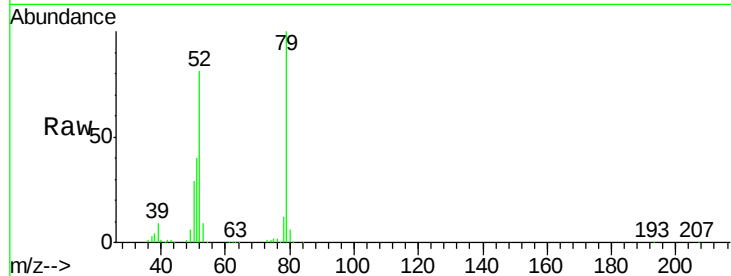
Tgt Ion: 79 Resp: 408159

Ion Ratio Lower Upper

79 100

52 81.4 49.0 73.4#

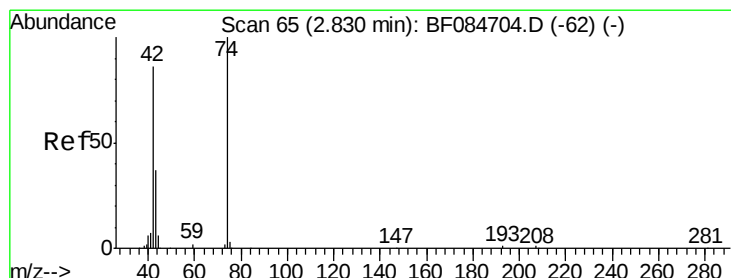
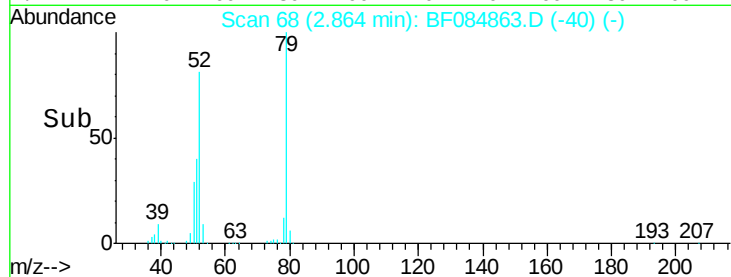
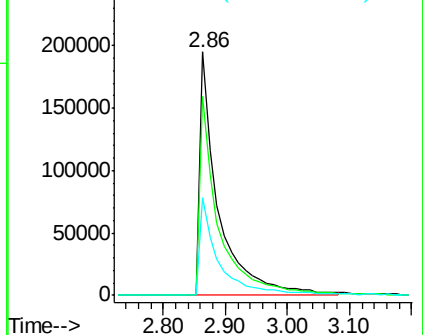
51 40.0 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.99 ng

RT: 2.82 min Scan# 64

Delta R.T. 0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

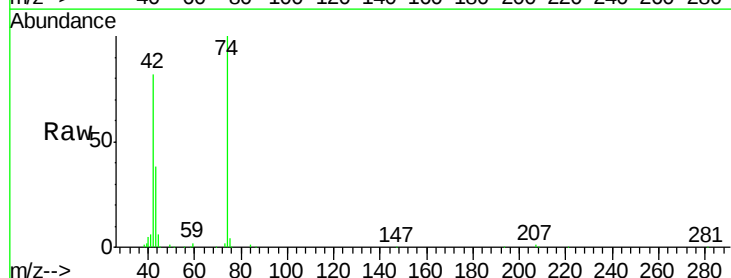
Tgt Ion: 42 Resp: 249015

Ion Ratio Lower Upper

42 100

74 121.4 115.7 173.5

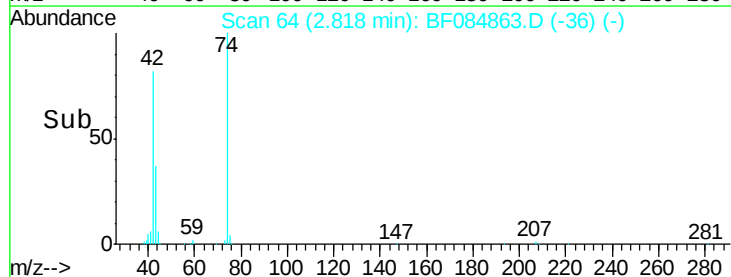
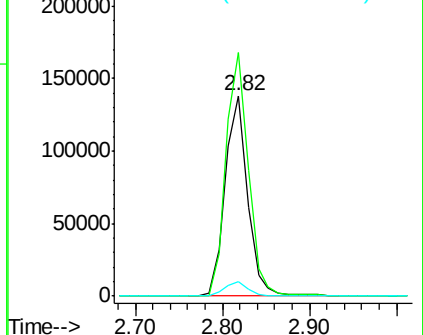
44 7.2 5.1 7.7

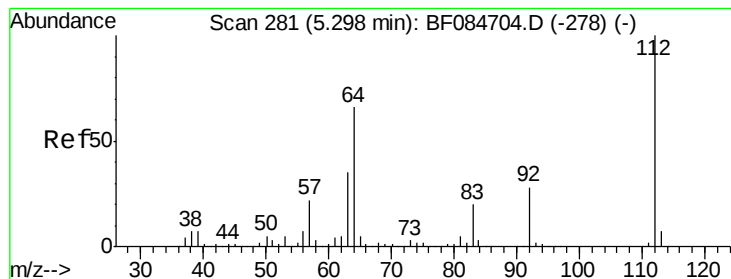


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.47 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084863.D

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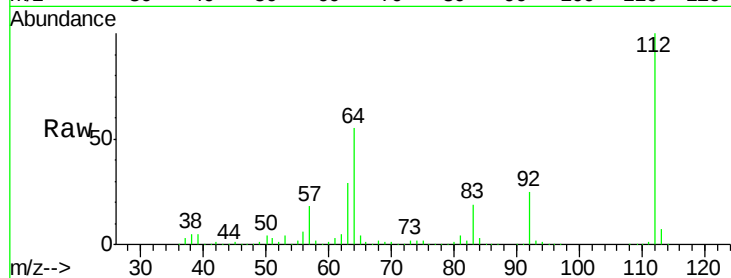
Tgt Ion: 112 Resp: 1335840

Ion Ratio Lower Upper

112 100

64 55.2 36.6 55.0#

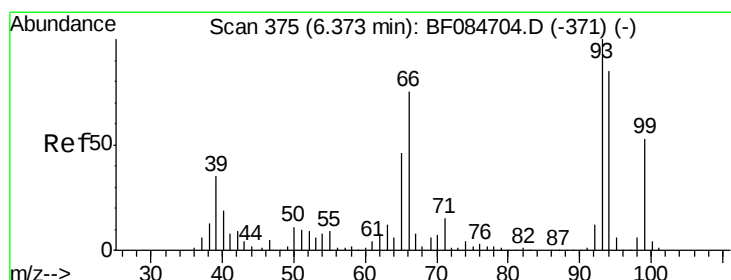
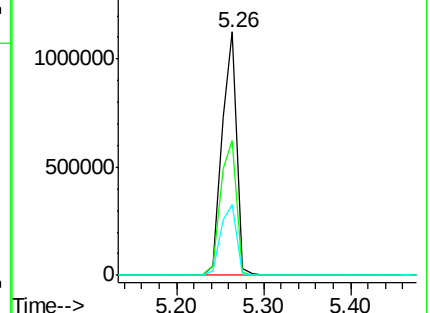
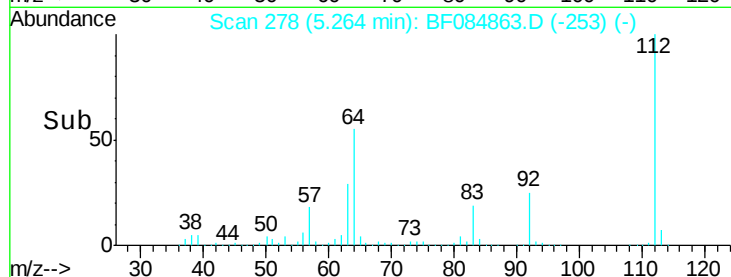
63 29.1 19.4 29.0#



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: 31.04 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

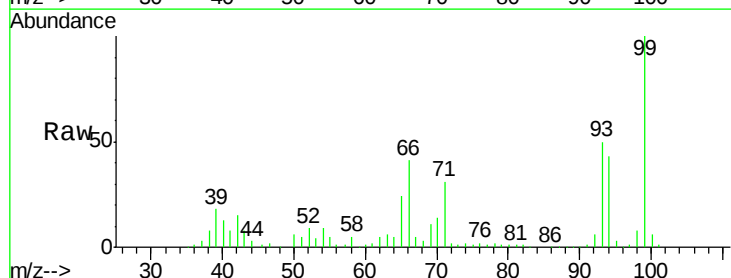
Tgt Ion: 93 Resp: 509496

Ion Ratio Lower Upper

93 100

66 81.4 44.9 67.3#

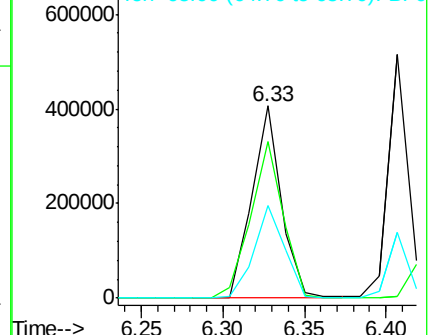
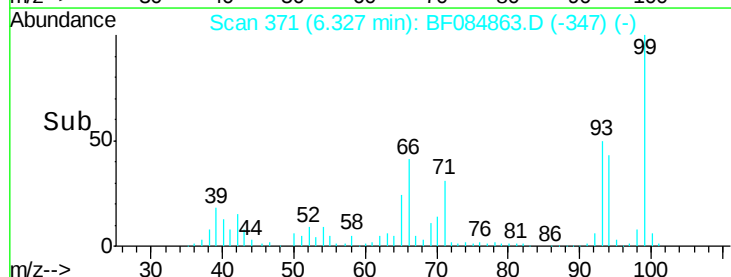
65 48.1 23.7 35.5#

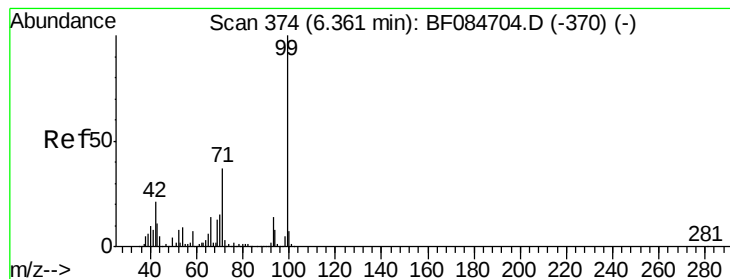


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.21 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

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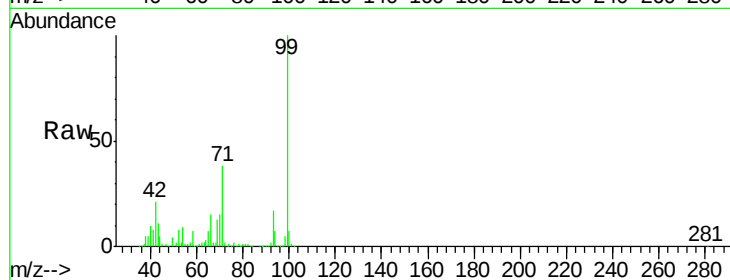
Tgt Ion: 99 Resp: 1585464

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

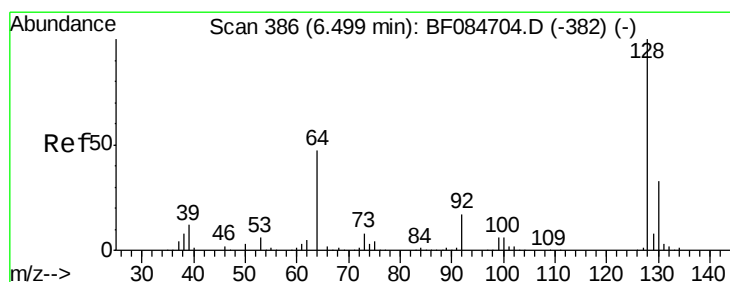
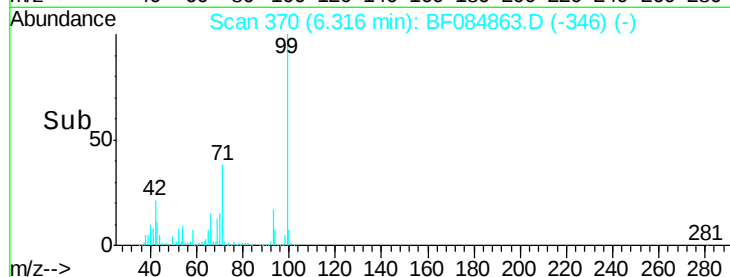
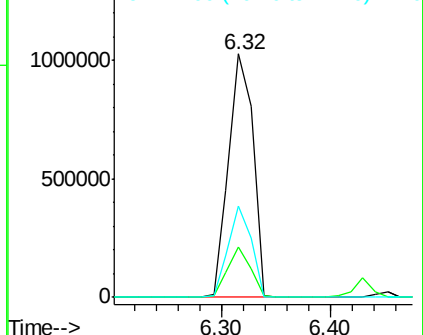
71 37.5 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.19 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

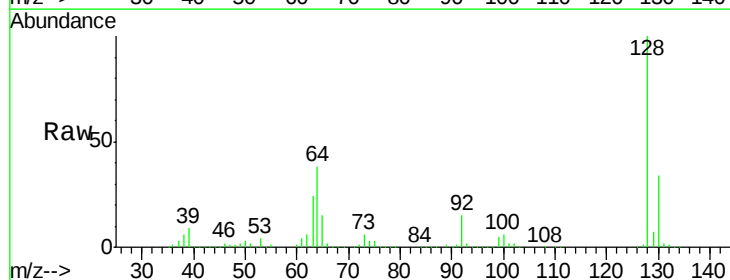
Tgt Ion: 128 Resp: 492153

Ion Ratio Lower Upper

128 100

130 34.1 11.6 51.6

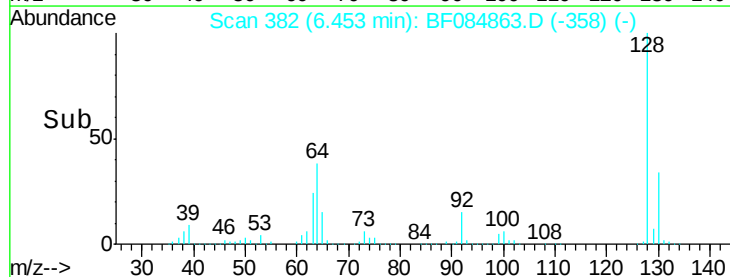
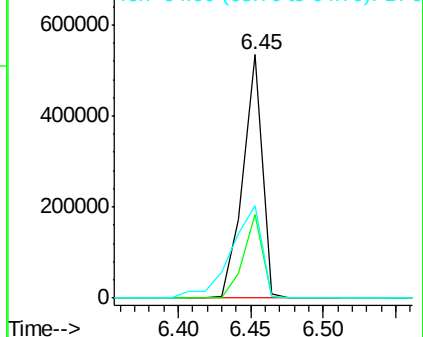
64 38.0 23.8 63.8

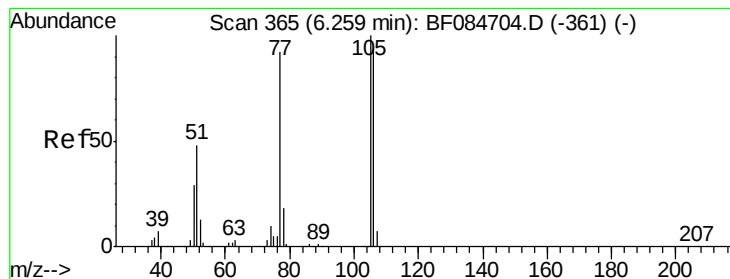


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.14 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

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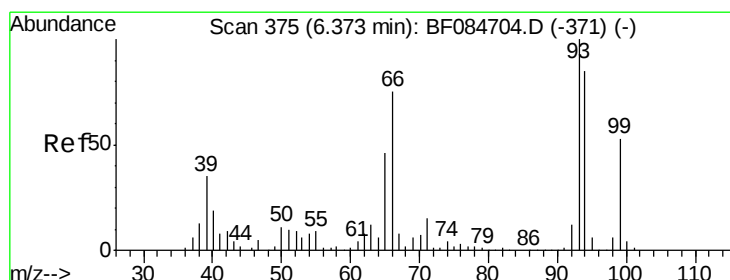
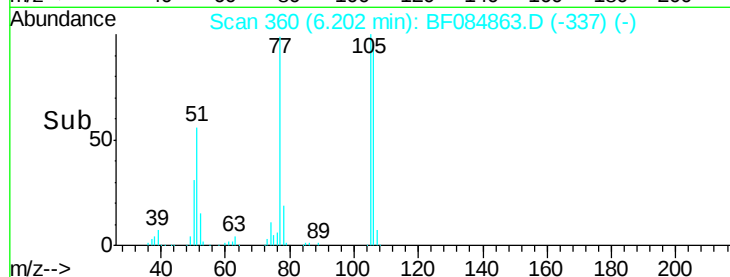
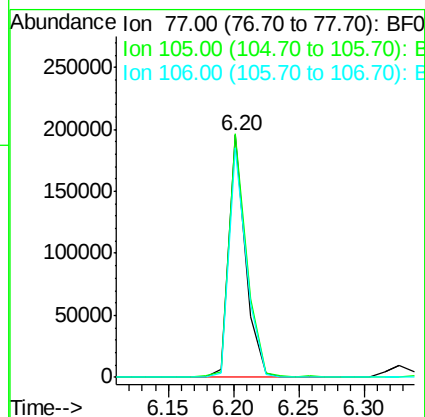
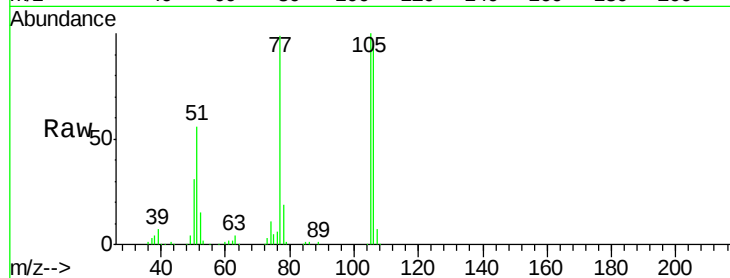
Tgt Ion: 77 Resp: 175380

Ion Ratio Lower Upper

77 100

105 100.6 83.0 123.0

106 95.1 74.6 114.6



#10

Phenol

Concen: 36.12 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

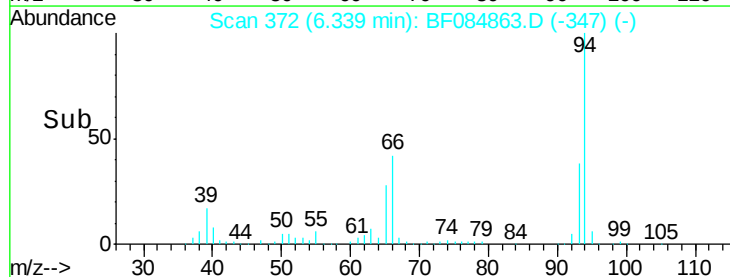
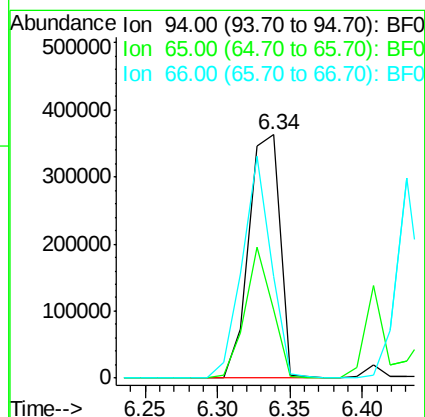
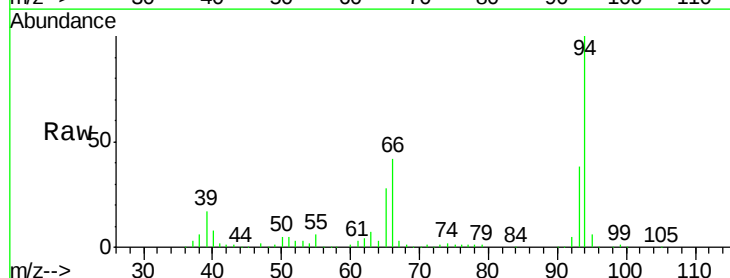
Tgt Ion: 94 Resp: 542752

Ion Ratio Lower Upper

94 100

65 27.8 12.9 52.9

66 41.6 32.7 72.7

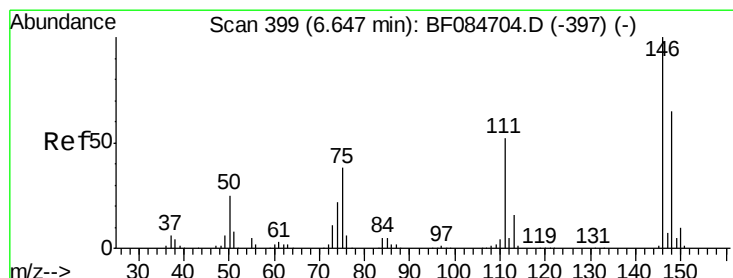
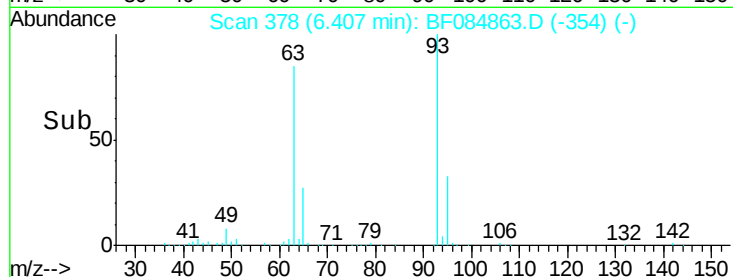
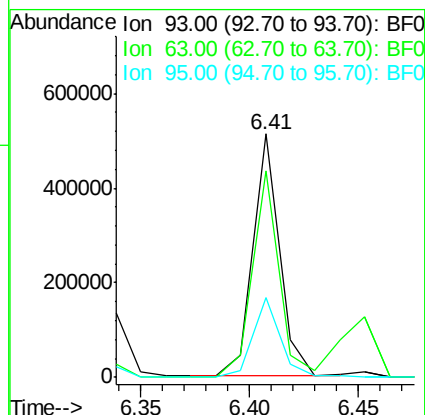
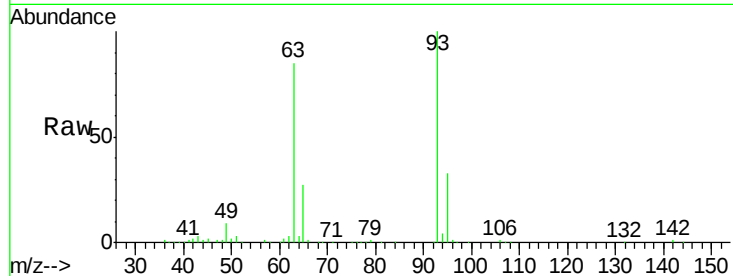




#11
 bis(2-Chloroethyl)ether
 Concen: 37.12 ng
 RT: 6.41 min Scan# 378
 Delta R.T. -0.02 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

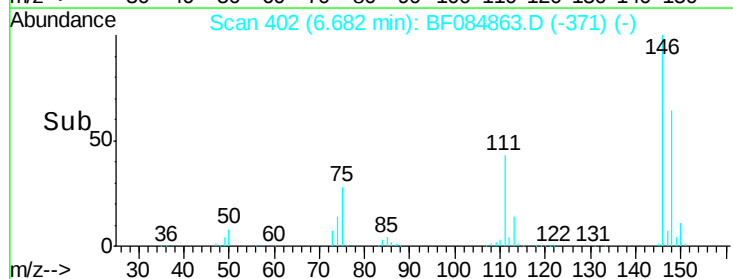
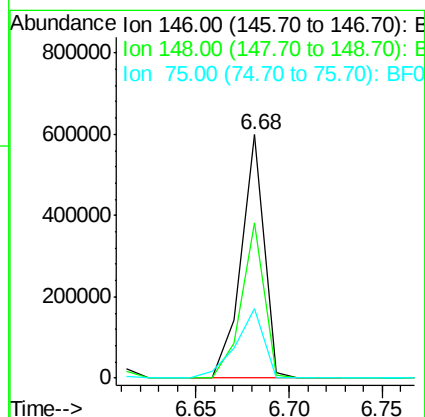
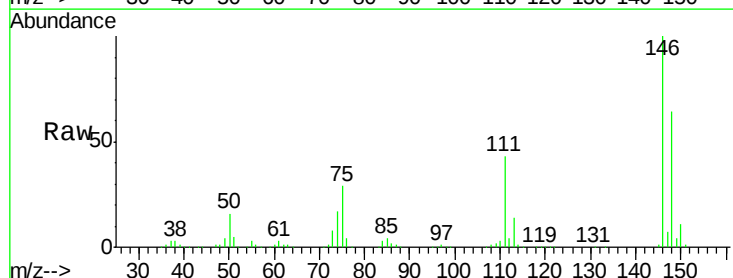
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)MS

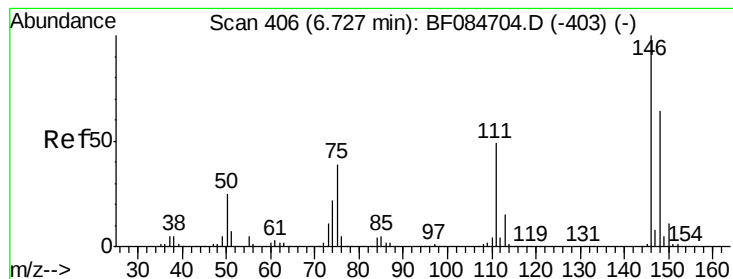
Tgt Ion: 93 Resp: 434984
 Ion Ratio Lower Upper
 93 100
 63 84.7 45.9 85.9
 95 32.7 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 40.07 ng
 RT: 6.68 min Scan# 402
 Delta R.T. 0.06 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Tgt Ion: 146 Resp: 518454
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 75 28.8 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 40.08 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

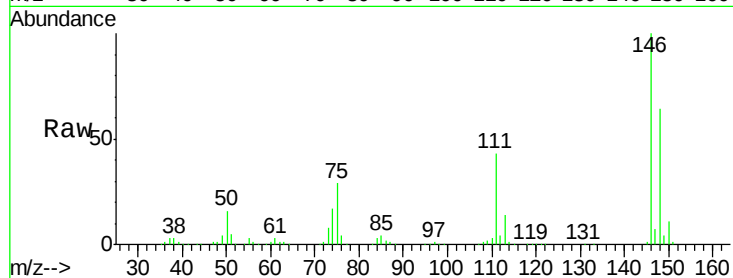
Tgt Ion:146 Resp: 518454

Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

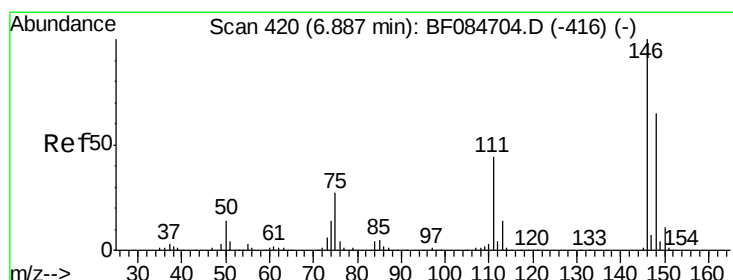
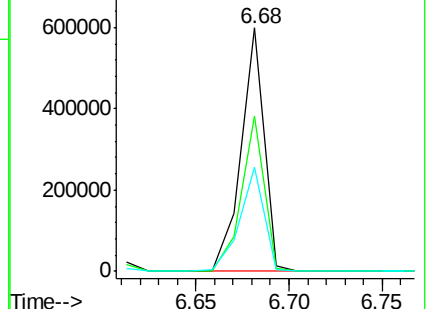
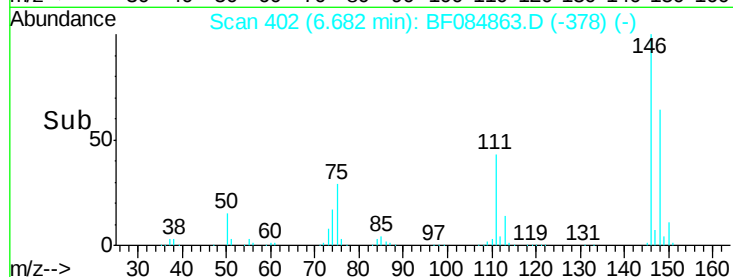
111 42.5 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.14 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

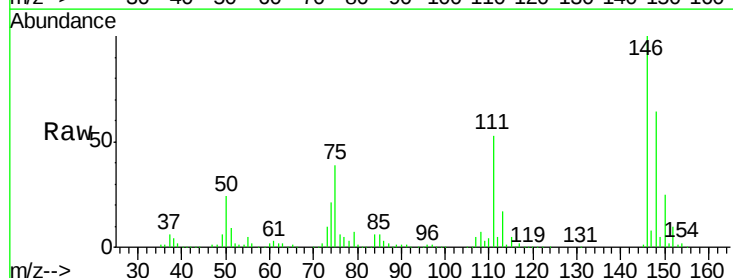
Tgt Ion:146 Resp: 435429

Ion Ratio Lower Upper

146 100

148 64.1 51.6 77.4

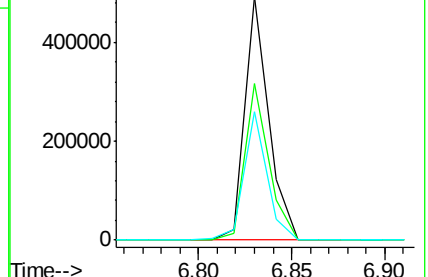
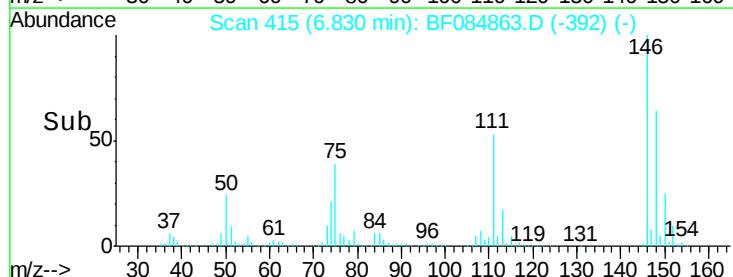
111 52.9 38.0 57.0

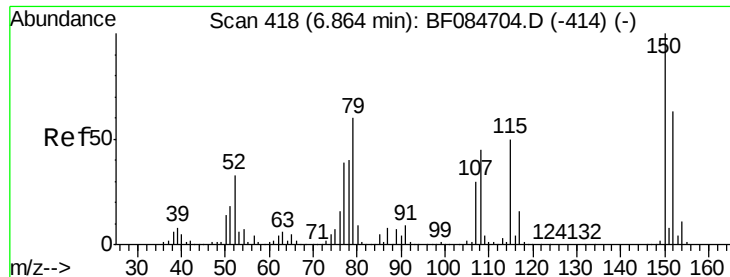


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

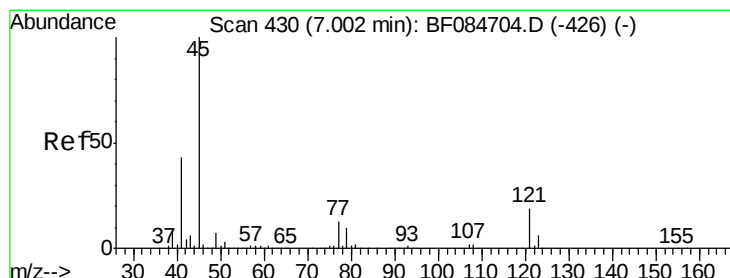
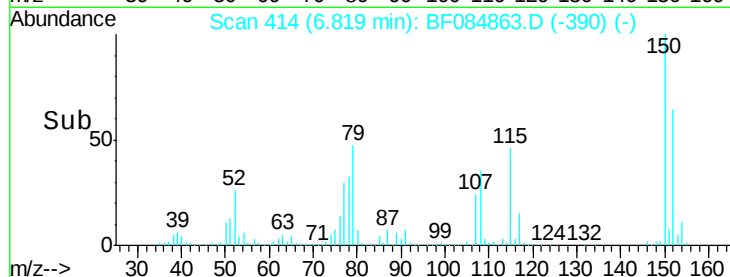
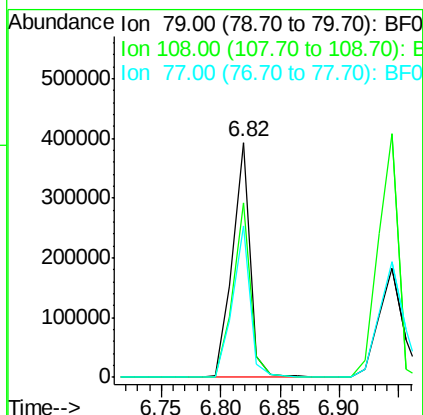
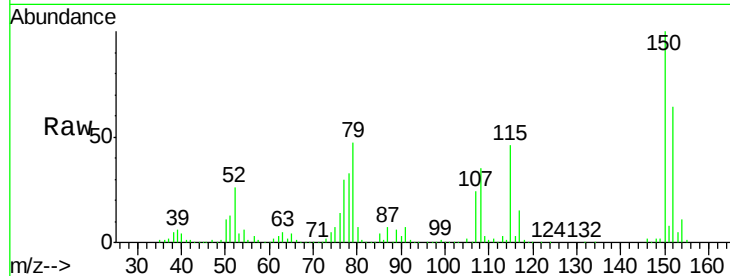




#15
Benzyl Alcohol
Concen: 44.17 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

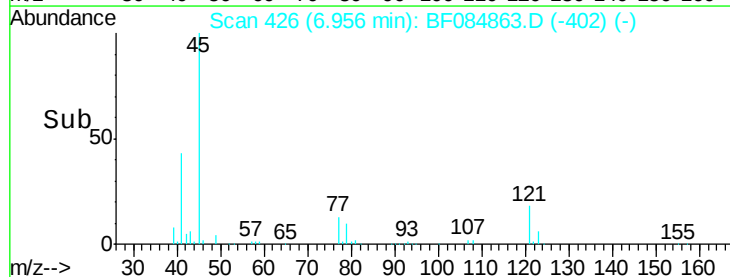
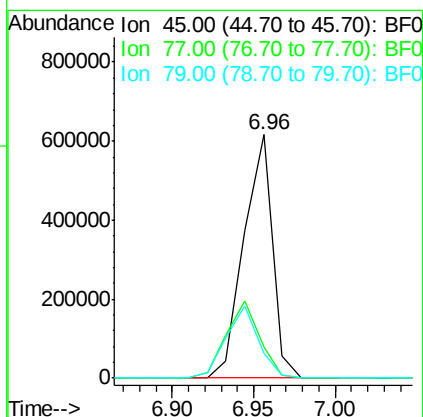
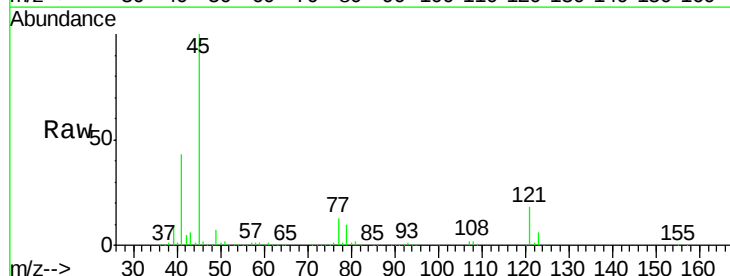
Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

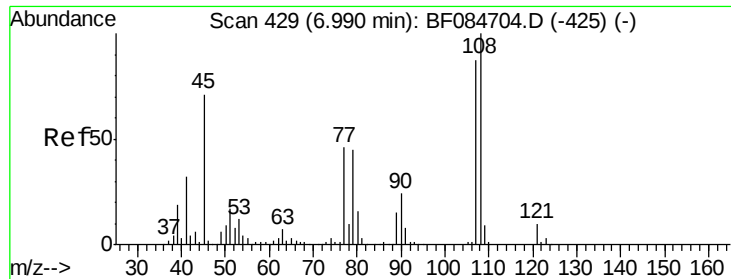
Tgt Ion: 79 Resp: 409058
Ion Ratio Lower Upper
79 100
108 74.1 69.0 103.4
77 64.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.90 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 45 Resp: 747055
Ion Ratio Lower Upper
45 100
77 12.8 0.0 39.6
79 10.3 0.0 35.0

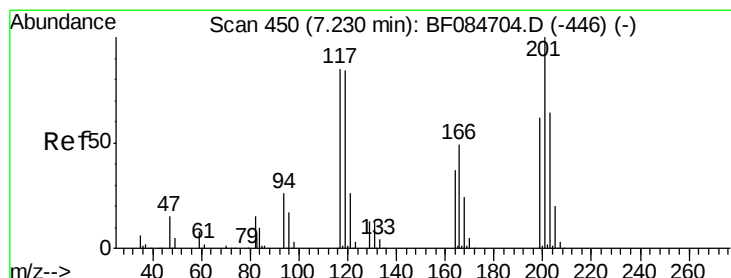
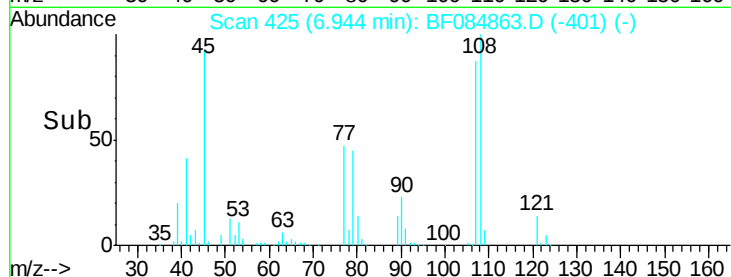
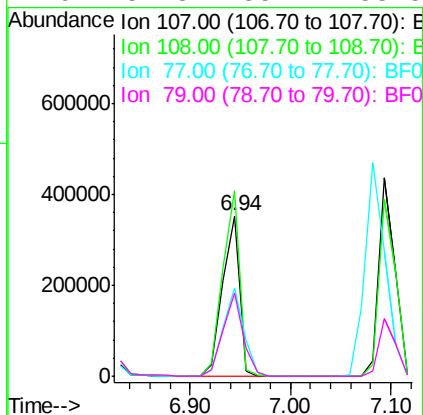
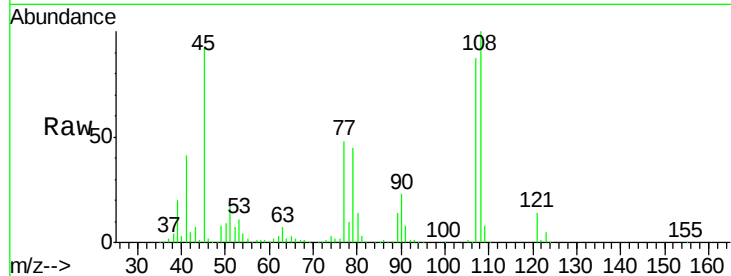




#17
2-Methylphenol
Concen: 42.87 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

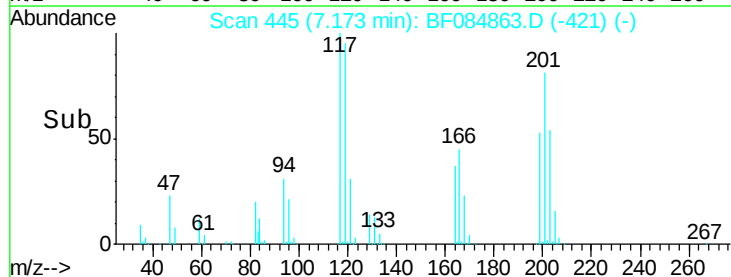
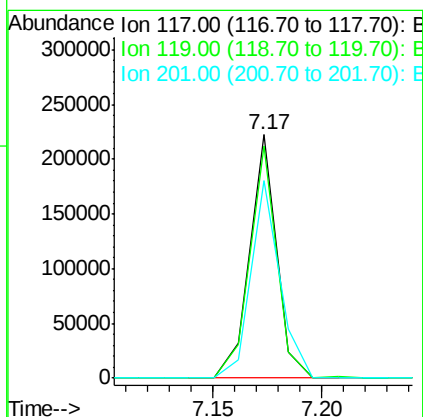
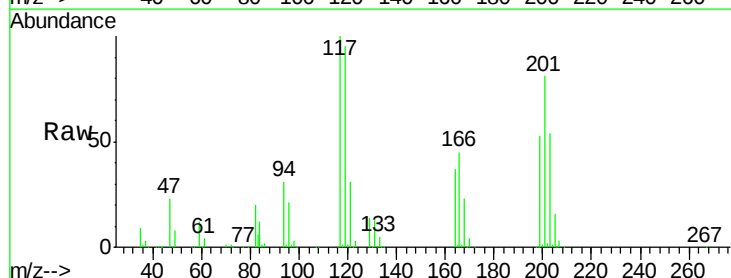
Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

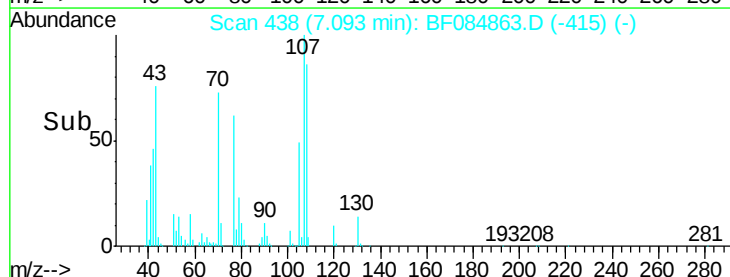
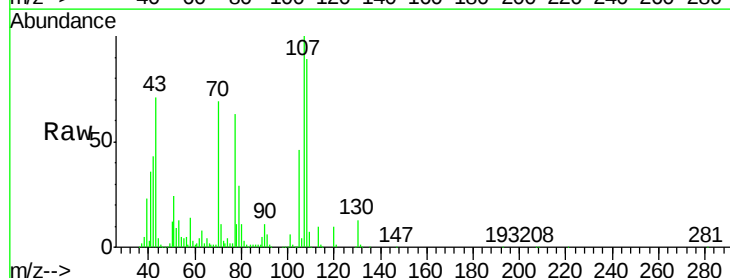
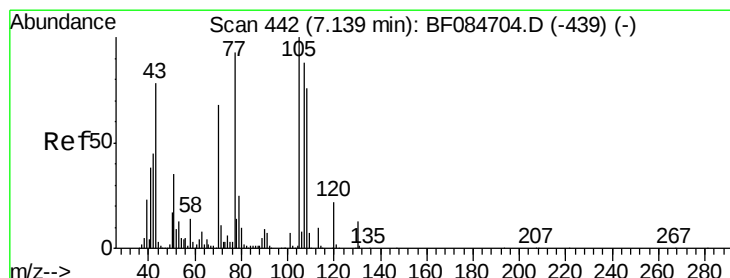
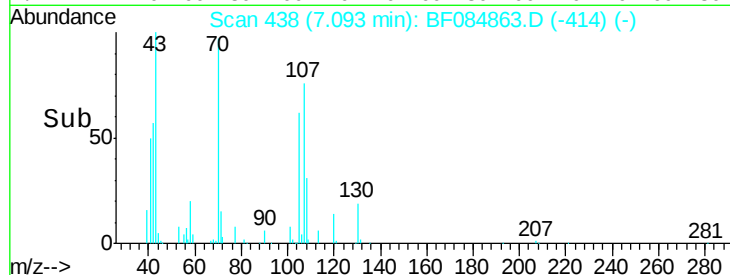
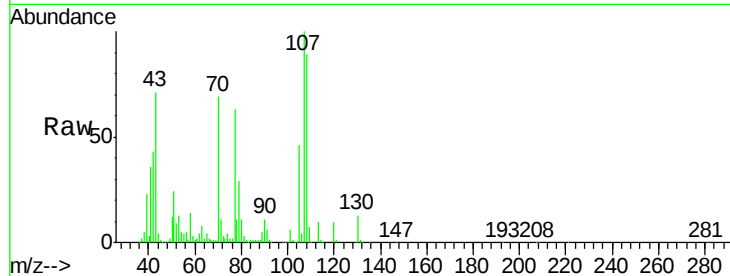
Tgt Ion:107 Resp: 415217
Ion Ratio Lower Upper
107 100
108 115.6 89.8 134.6
77 55.1 35.7 53.5#
79 51.8 35.7 53.5



#18
Hexachloroethane
Concen: 38.27 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:117 Resp: 190630
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0
201 81.1 68.6 103.0

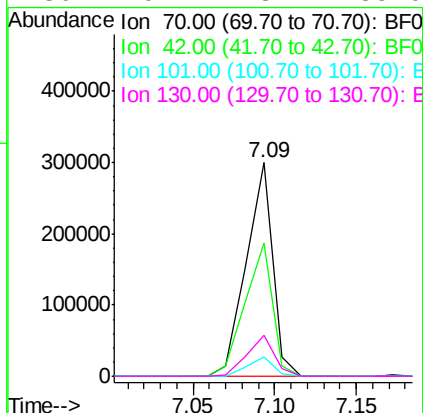




#19
n-Nitroso-di-n-propylamine
Concen: 40.08 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

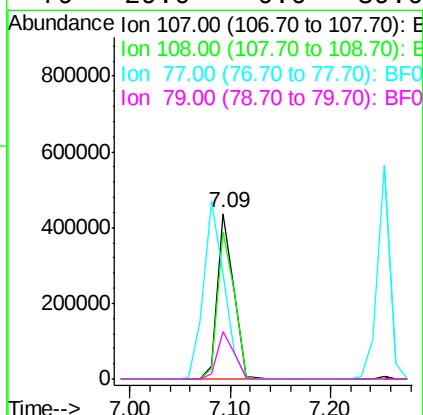
Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

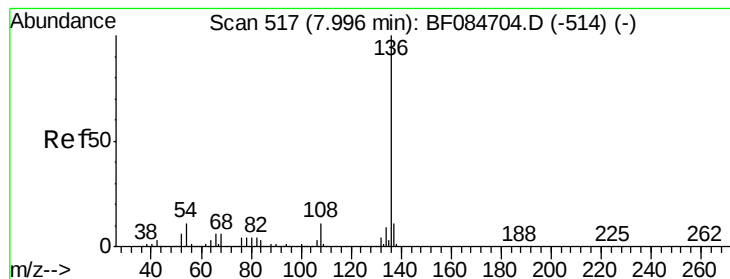
Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.6	33.3	49.9#
101	9.0	9.3	13.9#
130	19.1	23.4	35.0#



#20
3+4-Methylphenols
Concen: 40.57 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	74.6	114.6
77	63.4	0.7	40.7#
79	29.0	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

Tgt Ion:136 Resp: 705015

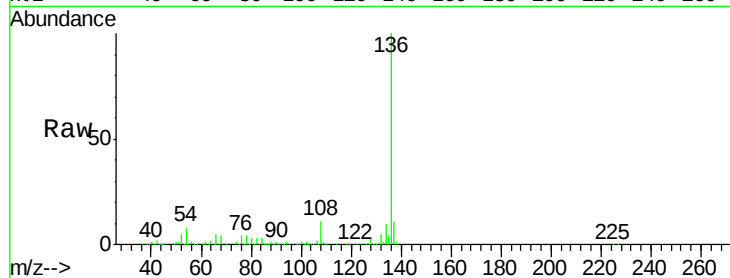
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.5 5.8 8.8

68 4.5 4.2 6.2

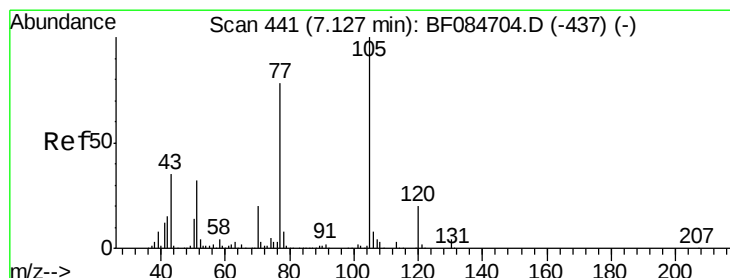
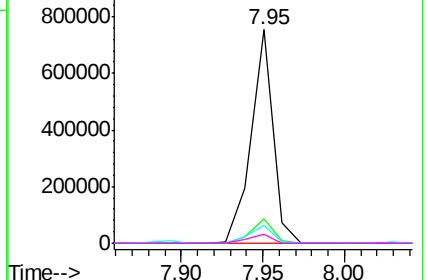
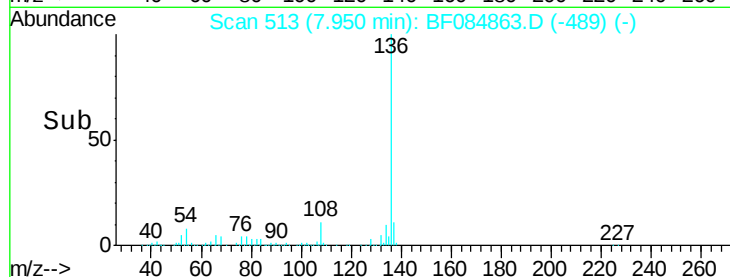


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.81 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Tgt Ion:105 Resp: 683951

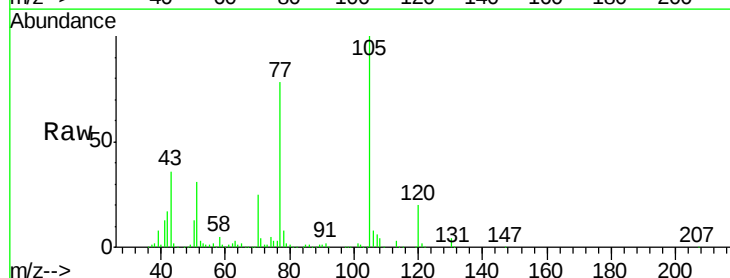
Ion Ratio Lower Upper

105 100

71 4.0 3.7 5.5

51 31.0 25.1 37.7

120 20.5 16.6 25.0

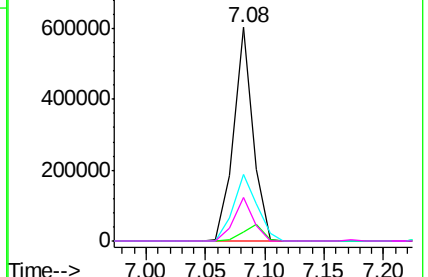
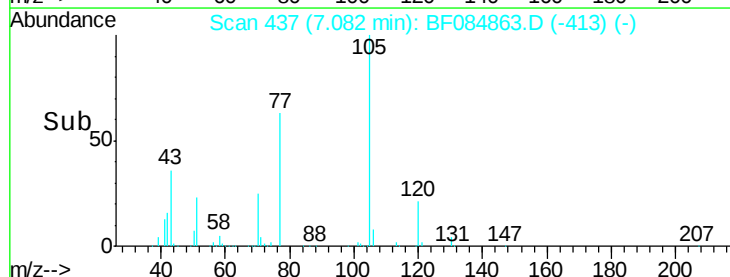


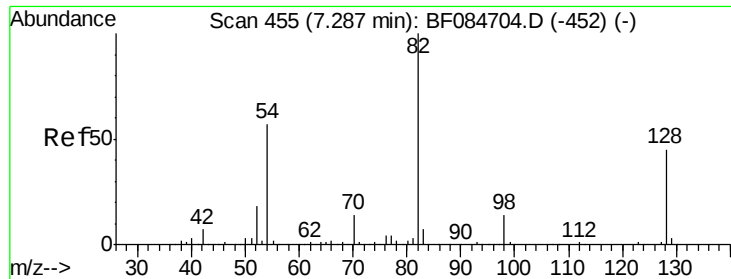
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.59 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

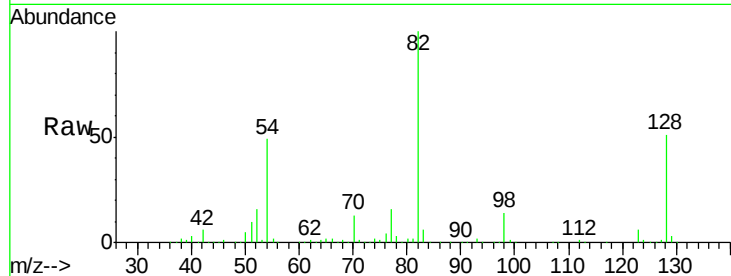
Tgt Ion: 82 Resp: 1033660

Ion Ratio Lower Upper

82 100

128 50.7 34.6 51.8

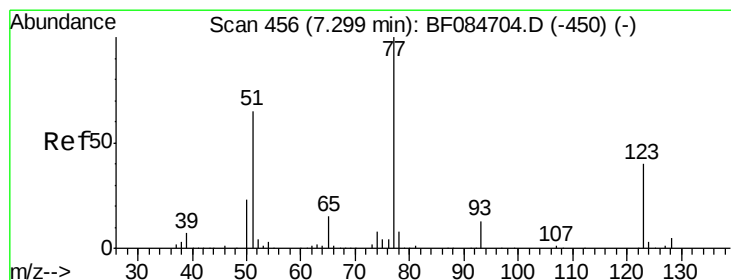
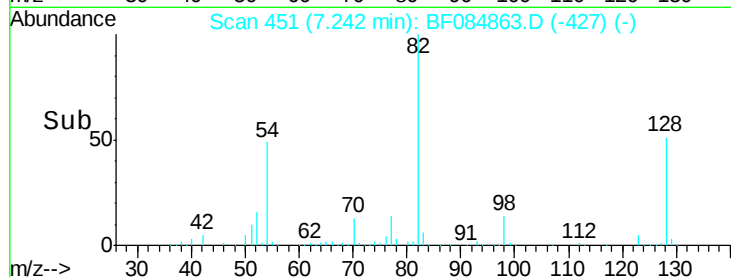
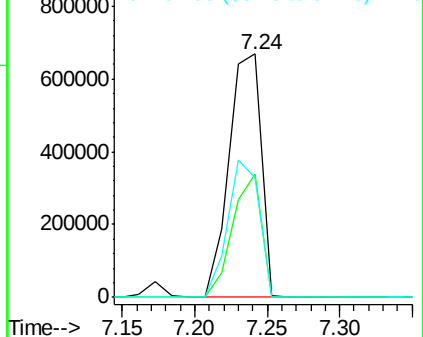
54 49.3 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.74 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

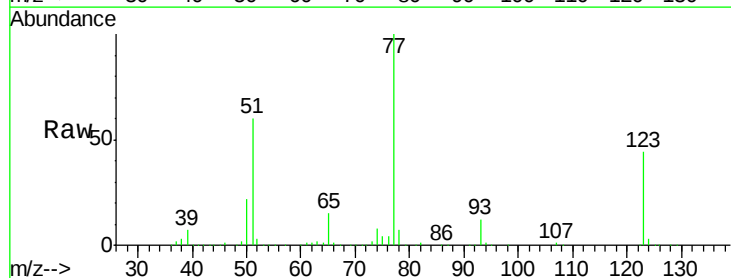
Tgt Ion: 77 Resp: 492329

Ion Ratio Lower Upper

77 100

123 44.3 37.4 56.2

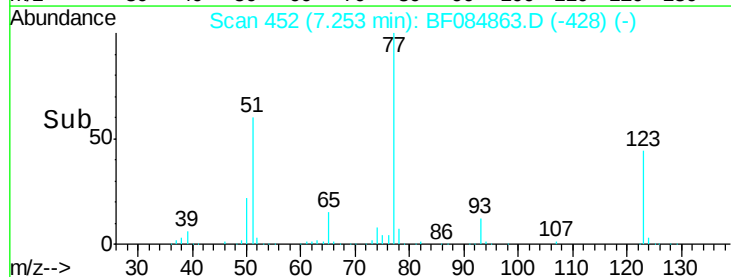
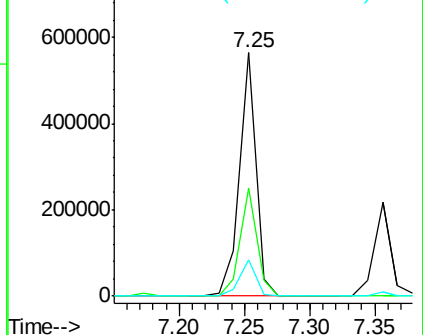
65 14.8 10.9 16.3

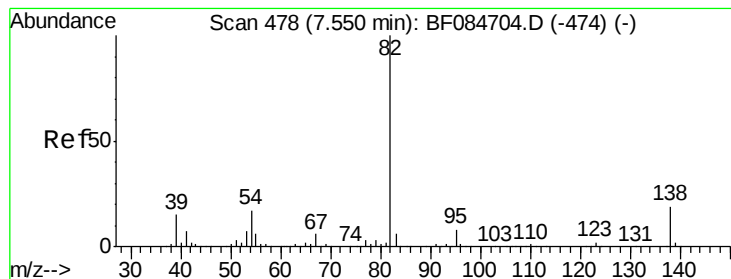


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.92 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

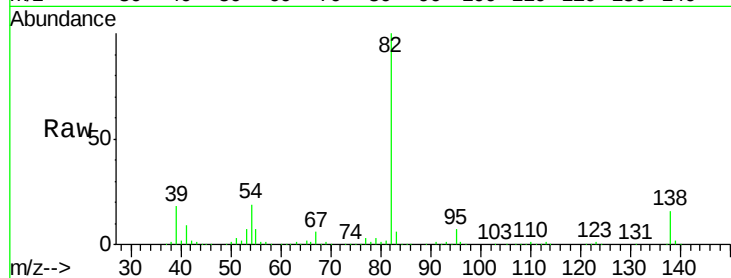
Tgt Ion: 82 Resp: 947050

Ion Ratio Lower Upper

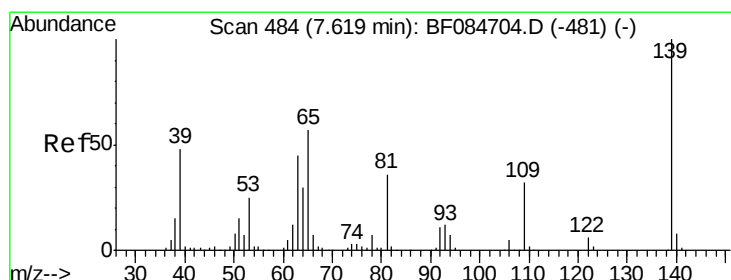
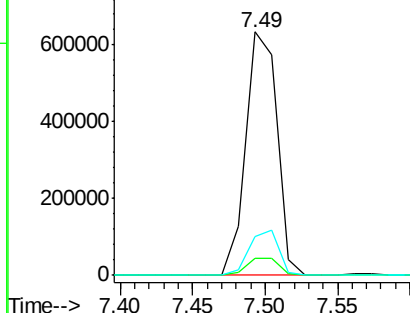
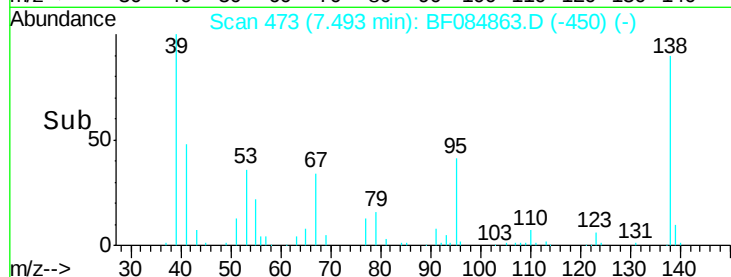
82 100

95 7.2 6.6 10.0

138 15.9 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.18 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

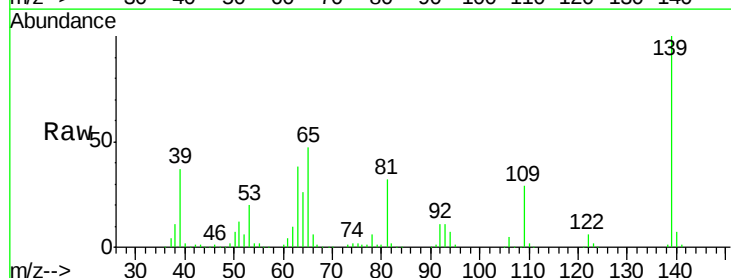
Tgt Ion: 139 Resp: 285389

Ion Ratio Lower Upper

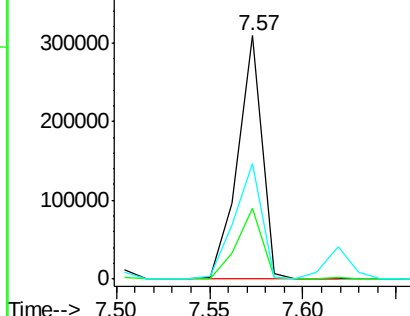
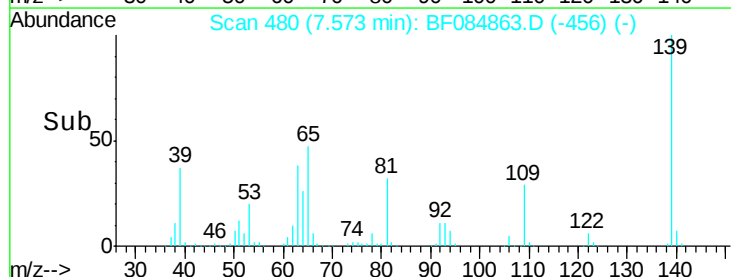
139 100

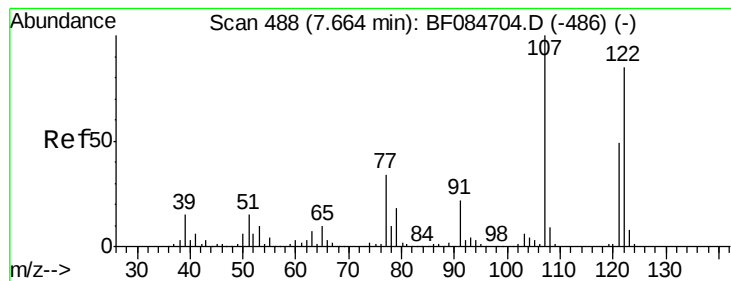
109 29.1 25.4 38.2

65 47.5 32.3 48.5



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

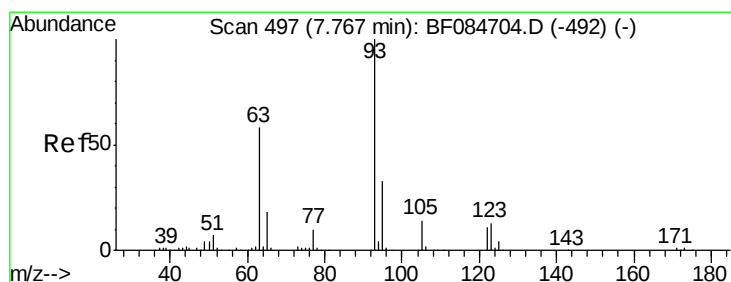
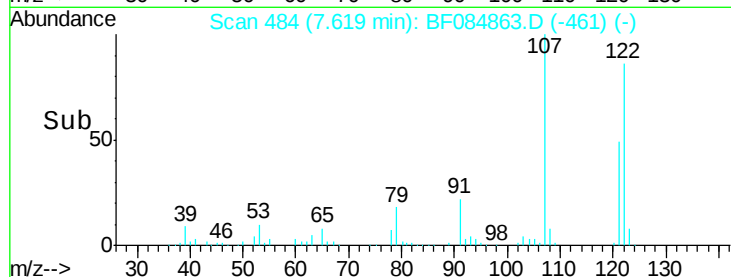
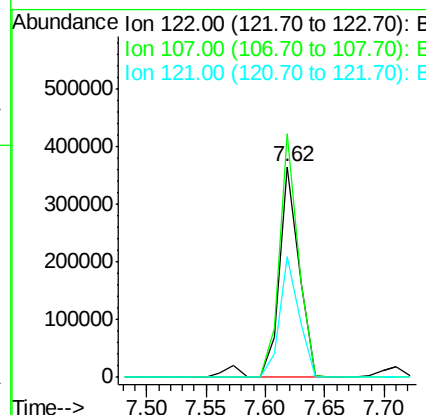
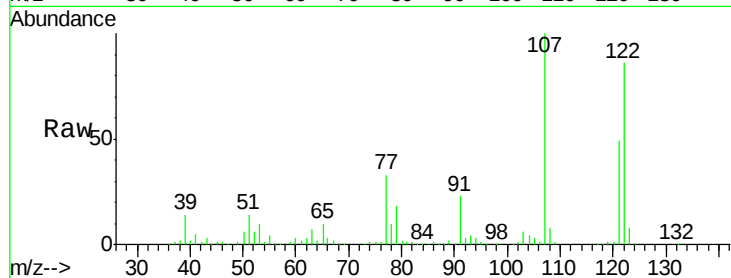




#27
 2,4-Dimethylphenol
 Concen: 37.61 ng
 RT: 7.62 min Scan# 484
 Delta R.T. -0.03 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

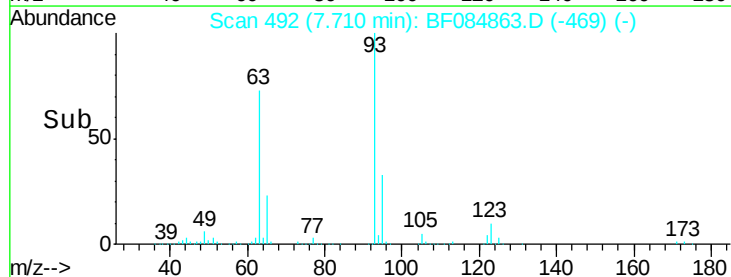
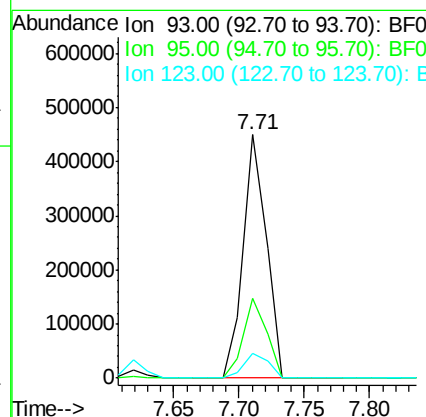
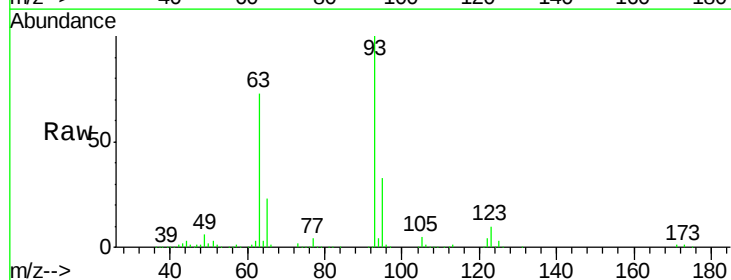
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)MS

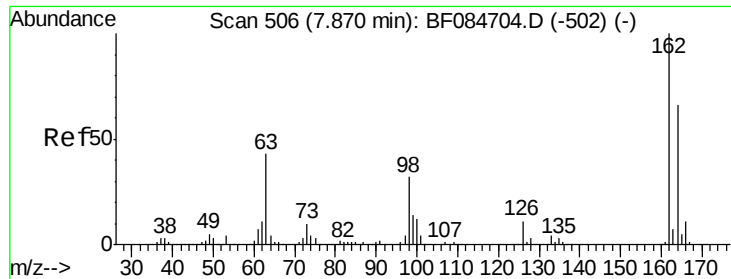
Tgt Ion:122 Resp: 432400
 Ion Ratio Lower Upper
 122 100
 107 115.7 99.1 148.7
 121 57.2 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.22 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.03 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Tgt Ion: 93 Resp: 551776
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.8 38.6
 123 10.4 8.6 12.8

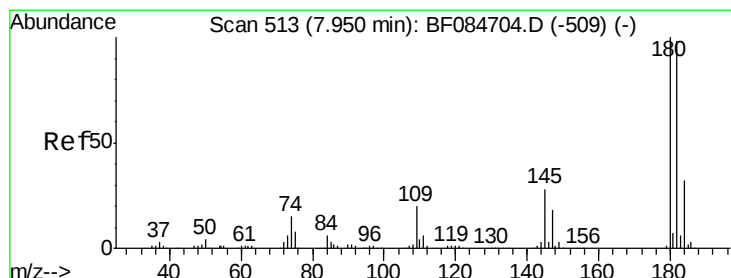
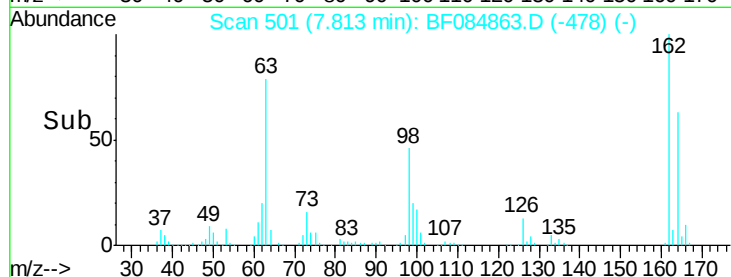
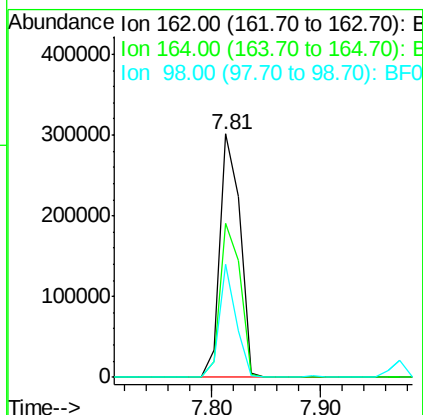
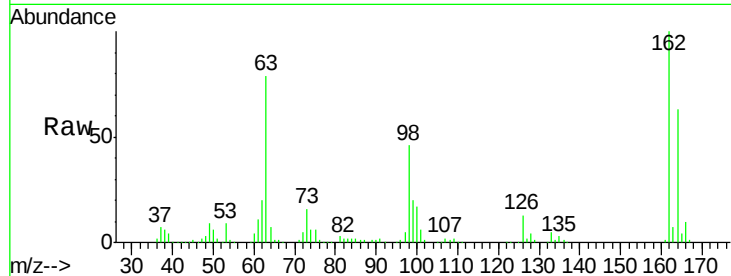




#29
 2,4-Dichlorophenol
 Concen: 39.58 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

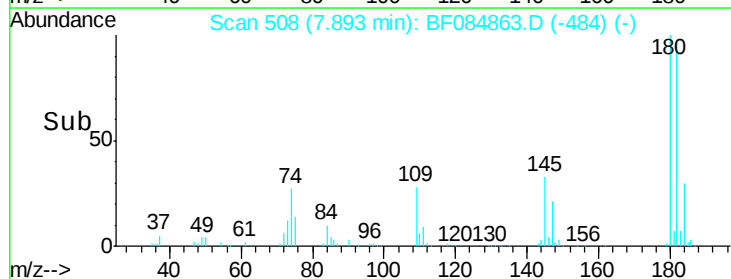
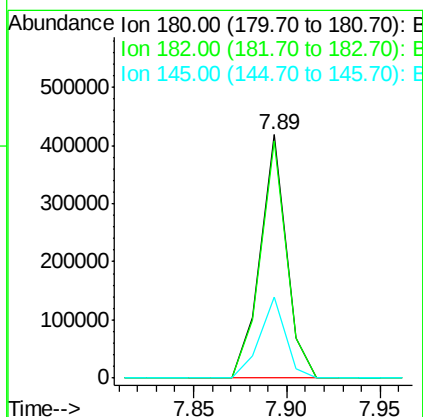
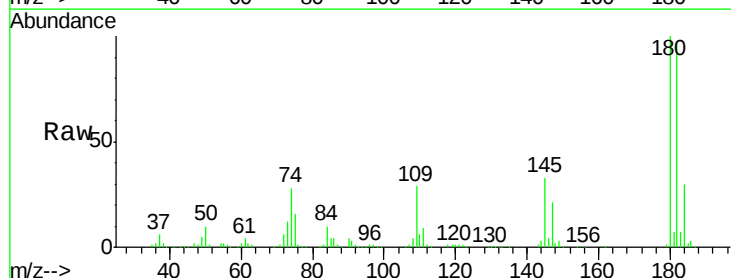
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)MS

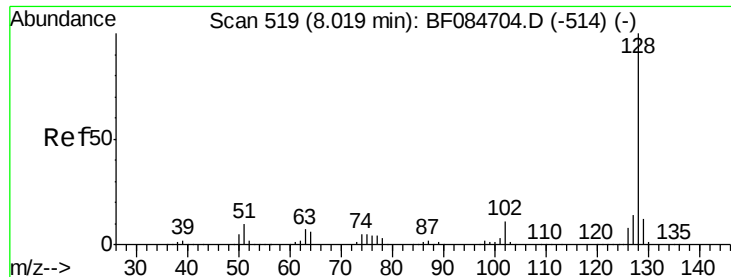
Tgt Ion:162 Resp: 389328
 Ion Ratio Lower Upper
 162 100
 164 63.4 44.1 84.1
 98 46.3 20.2 60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 36.68 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Tgt Ion:180 Resp: 407598
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.4 114.6
 145 33.4 31.6 47.4

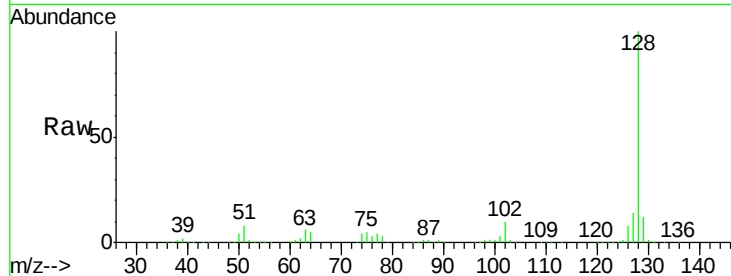




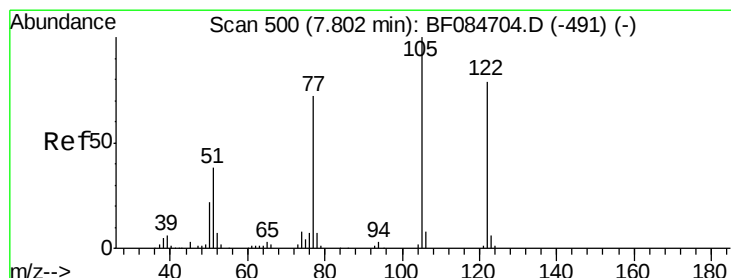
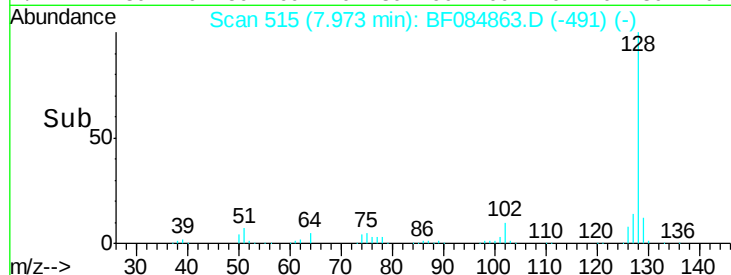
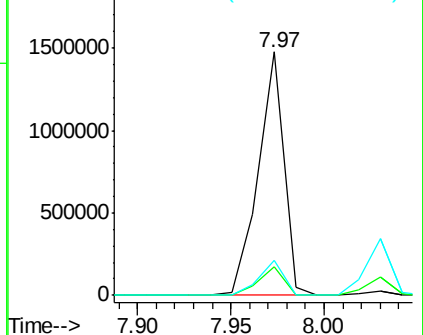
#31
Naphthalene
Concen: 39.58 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

Tgt Ion:128 Resp: 1399654
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 14.1 11.1 16.7

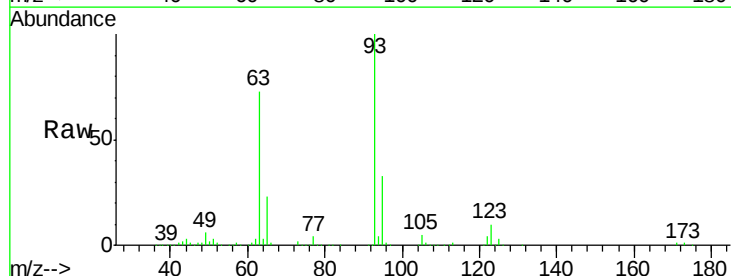


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

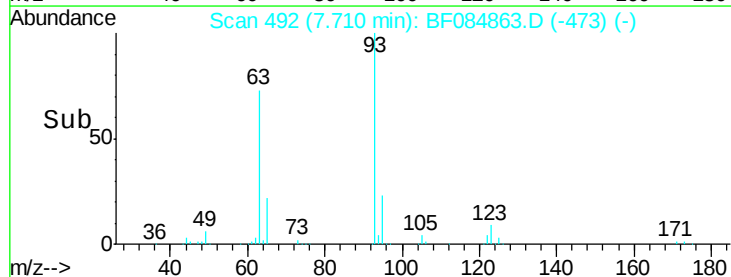
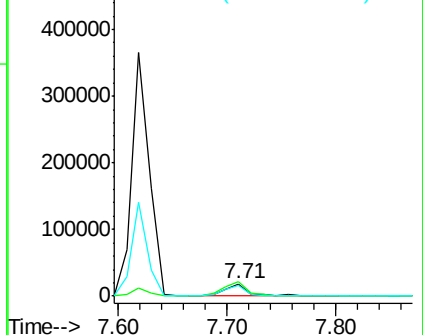


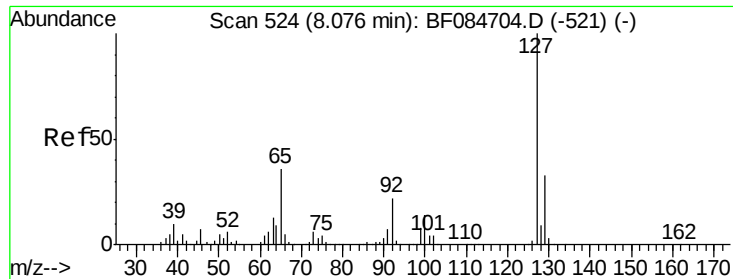
#32
Benzoic acid
Concen: 3.97 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.08 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:122 Resp: 29209
Ion Ratio Lower Upper
122 100
105 115.8 100.3 140.3
77 87.9 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

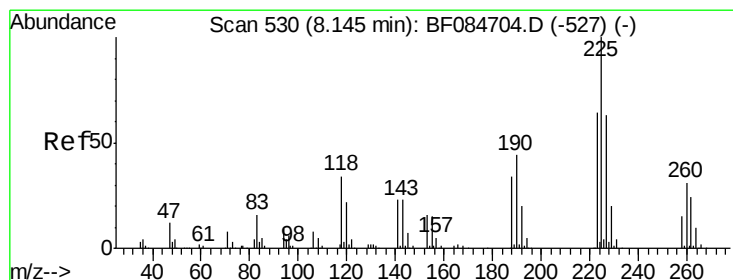
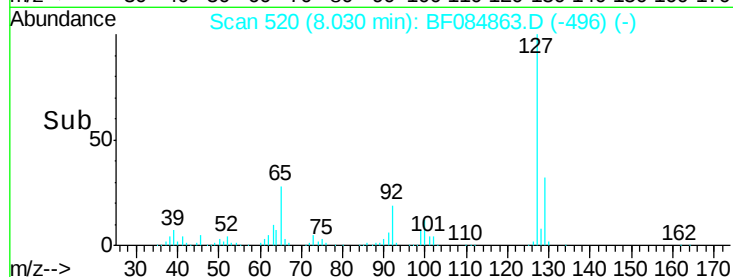
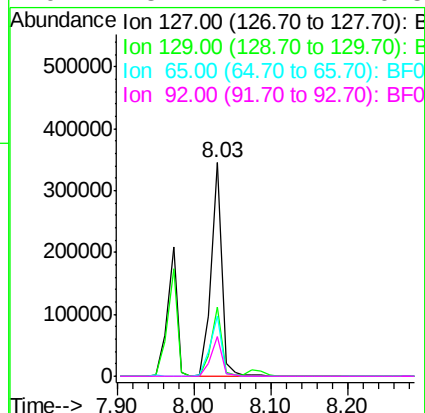
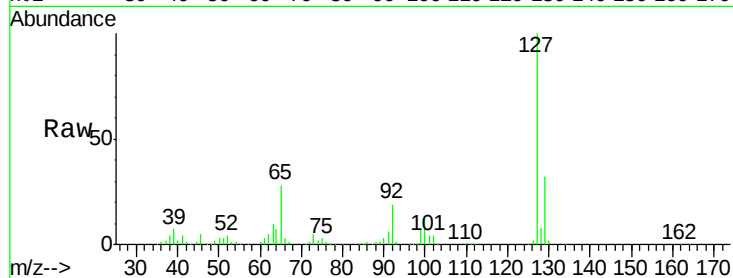




#33
4-Chloroaniline
Concen: 22.59 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

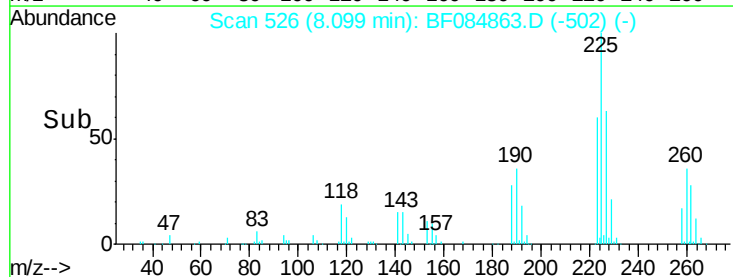
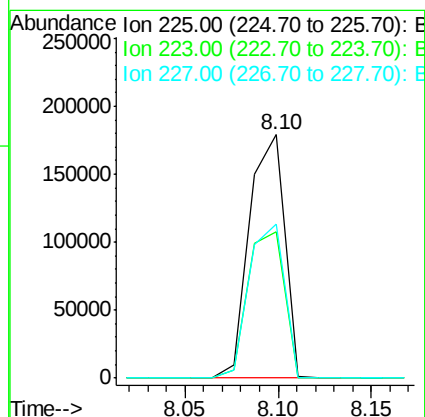
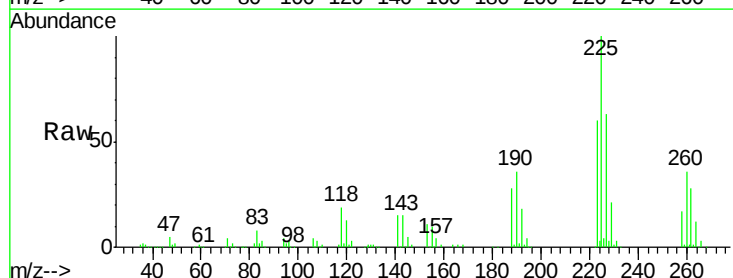
Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

Tgt Ion:	127	Resp:	330437
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	28.1	27.2	40.8
92	18.7	17.7	26.5



#34
Hexachlorobutadiene
Concen: 36.38 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:	225	Resp:	233101
Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.4	74.0
227	63.5	50.8	76.2





#35

Caprolactam

Concen: 24.56 ng

RT: 8.41 min Scan# 553

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

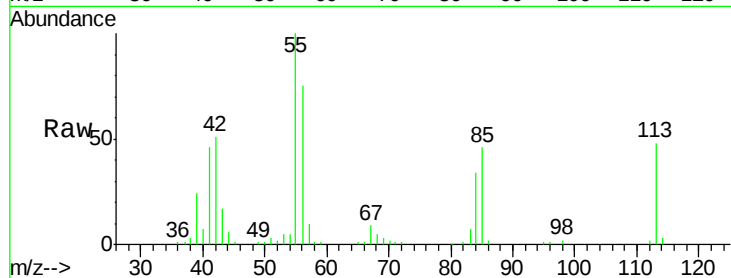
Tgt Ion:113 Resp: 74456

Ion Ratio Lower Upper

113 100

55 210.2 116.9 156.9#

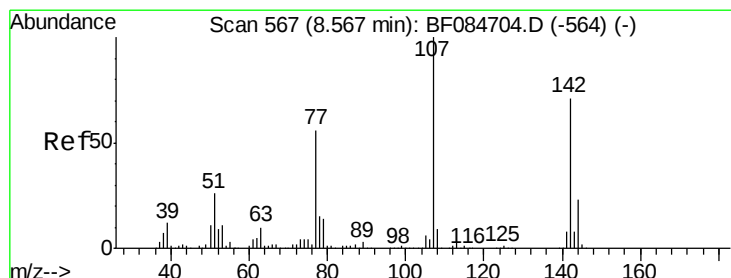
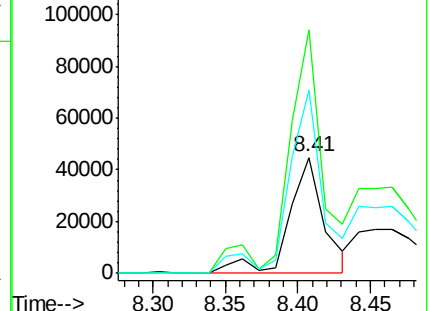
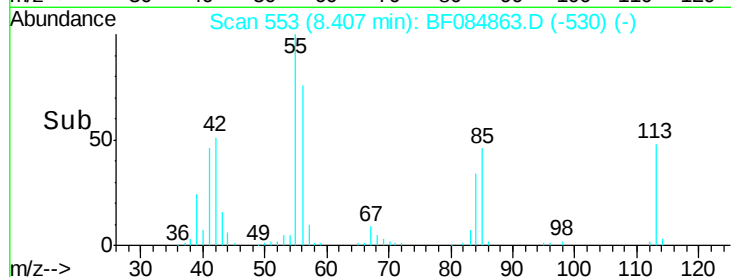
56 158.3 93.8 133.8#



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: 40.63 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

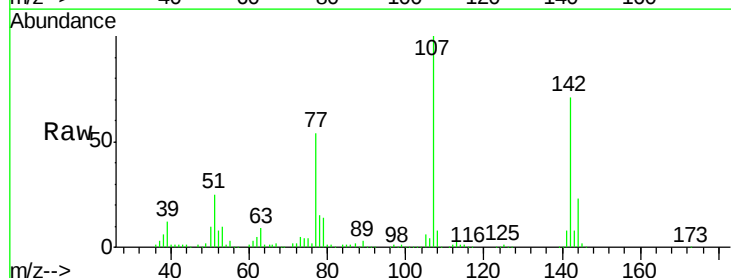
Tgt Ion:107 Resp: 456024

Ion Ratio Lower Upper

107 100

144 23.0 19.7 29.5

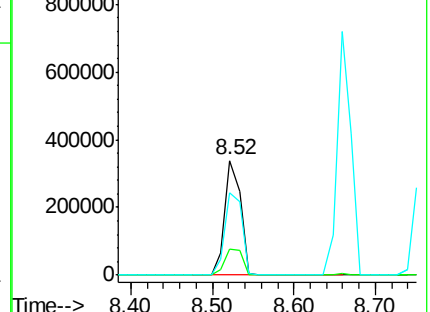
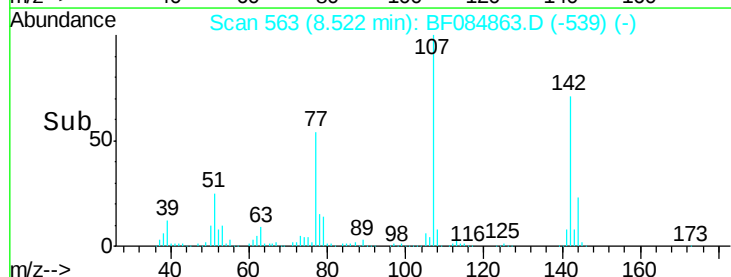
142 71.5 61.8 92.6

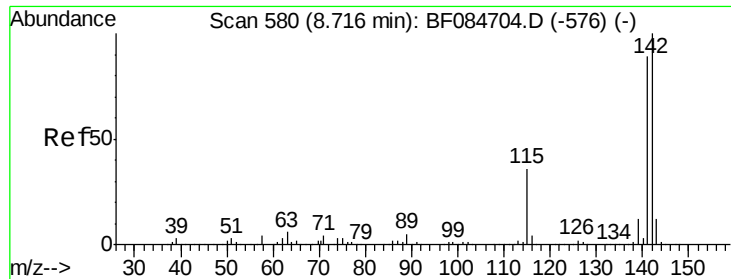


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

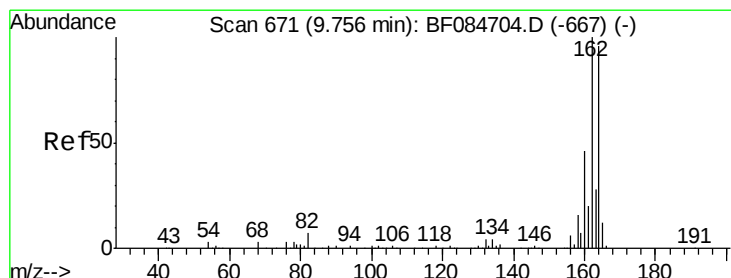
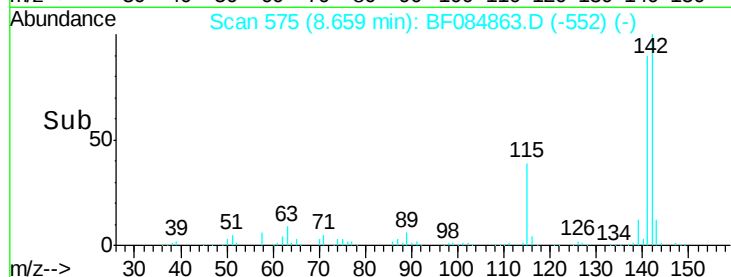
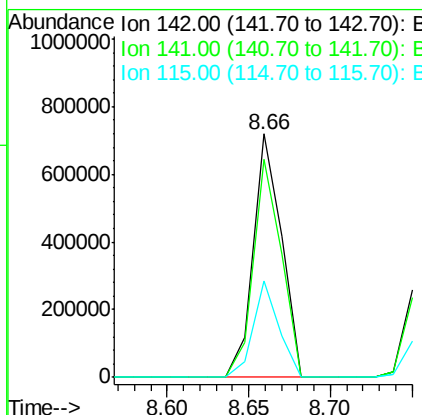
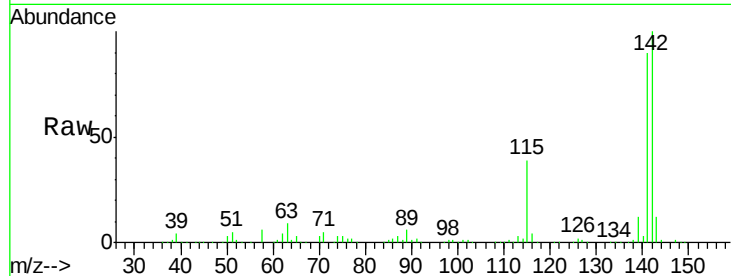




#37
 2-Methylnaphthalene
 Concen: 38.96 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

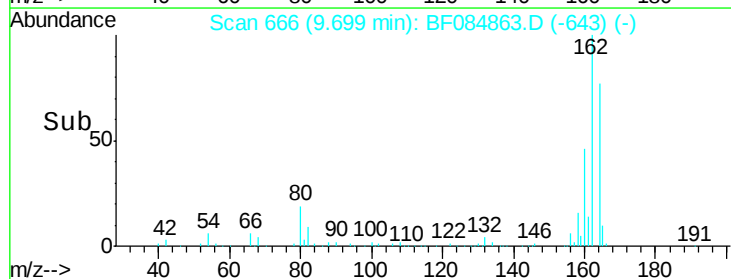
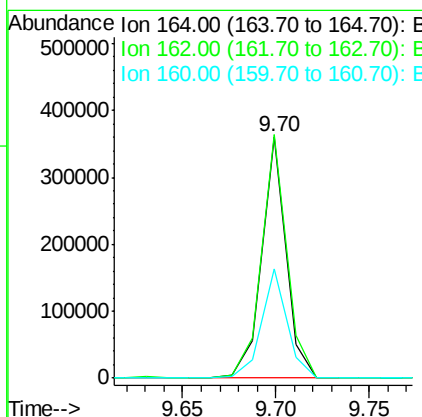
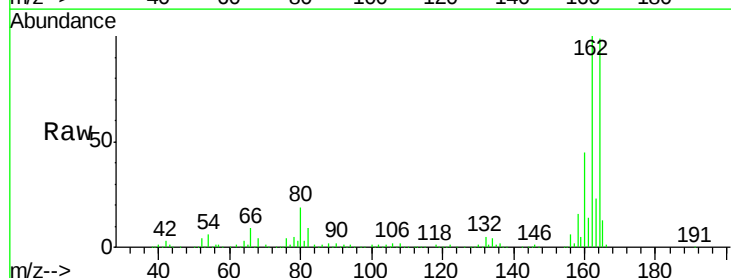
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)MS

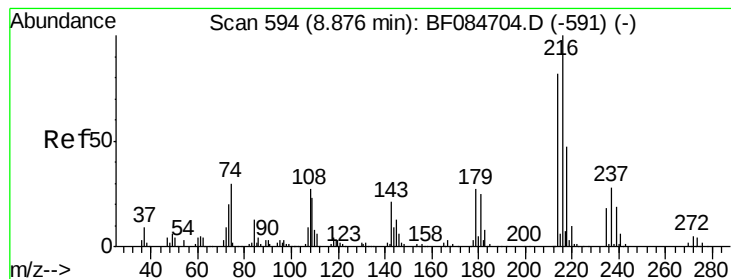
Tgt Ion:142 Resp: 862300
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.4 108.6
 115 39.4 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Tgt Ion:164 Resp: 323791
 Ion Ratio Lower Upper
 164 100
 162 101.0 85.1 127.7
 160 45.6 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.24 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

Tgt Ion:216 Resp: 393261

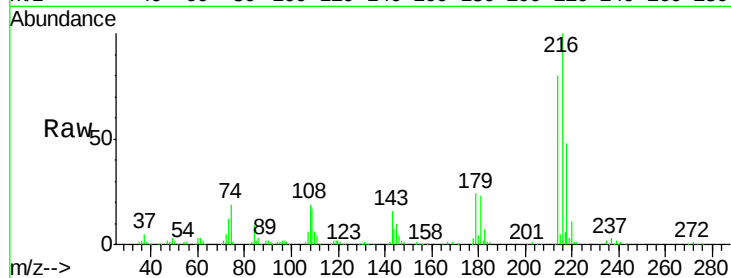
Ion Ratio Lower Upper

216 100

214 79.4 64.2 96.2

179 23.7 18.7 28.1

108 22.9 16.8 25.2

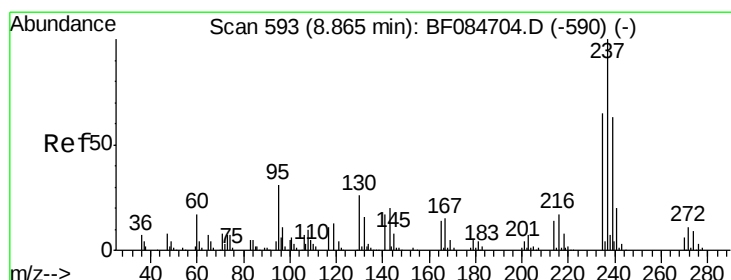
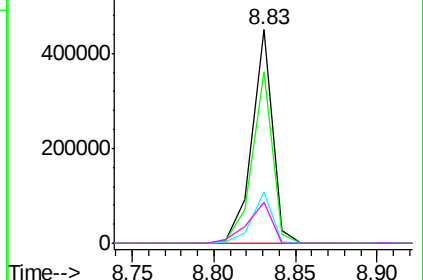
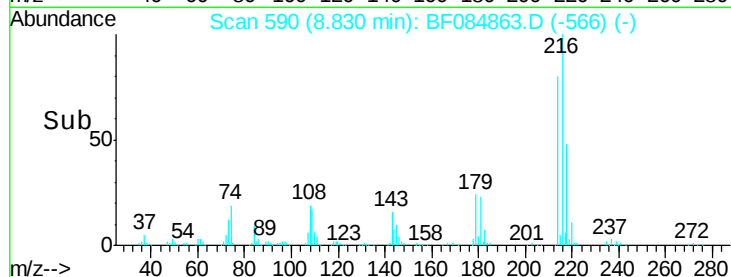


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.66 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

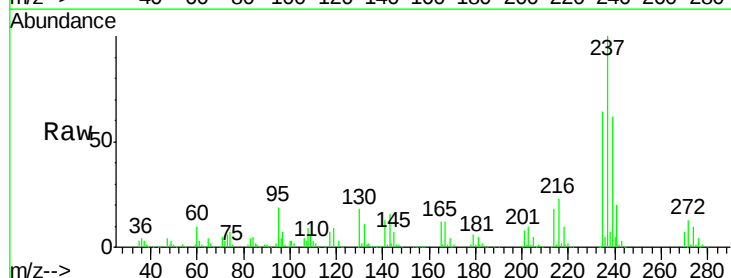
Tgt Ion:237 Resp: 354661

Ion Ratio Lower Upper

237 100

235 63.7 43.1 83.1

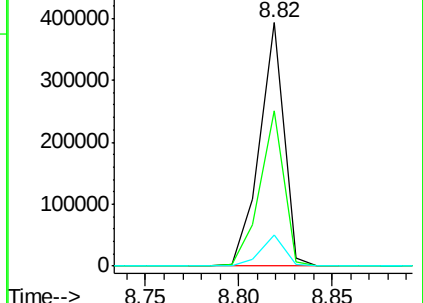
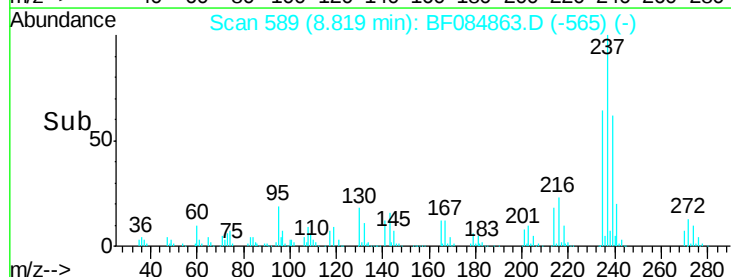
272 12.6 0.0 35.1



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

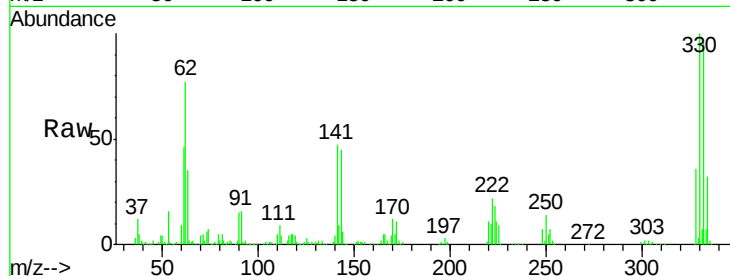




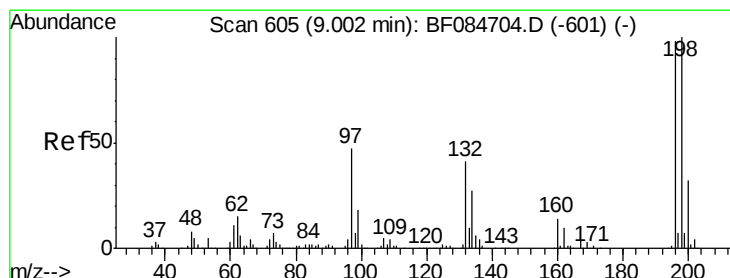
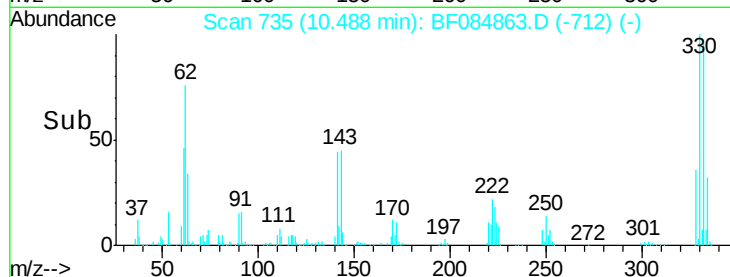
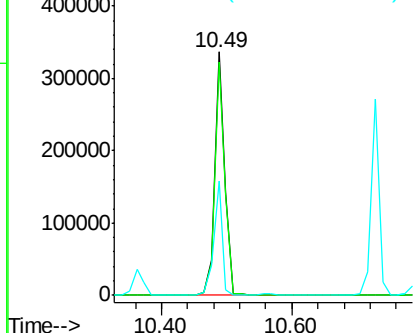
#41
 2,4,6-Tribromophenol
 Concen: 110.14 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)MS

Tgt Ion:330 Resp: 371980
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 39.2 27.8 41.6

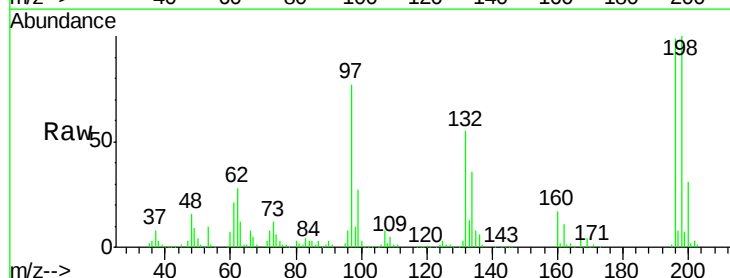


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

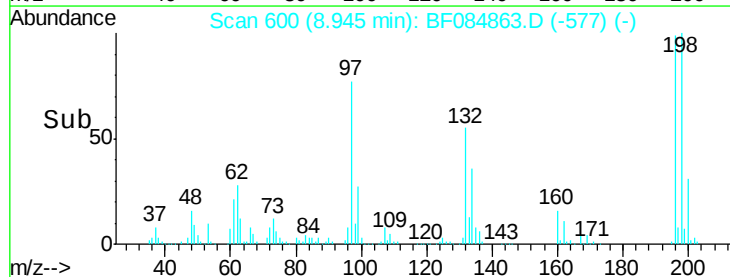
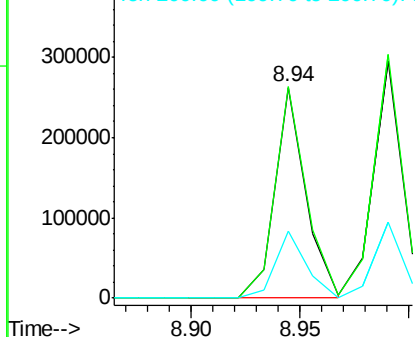


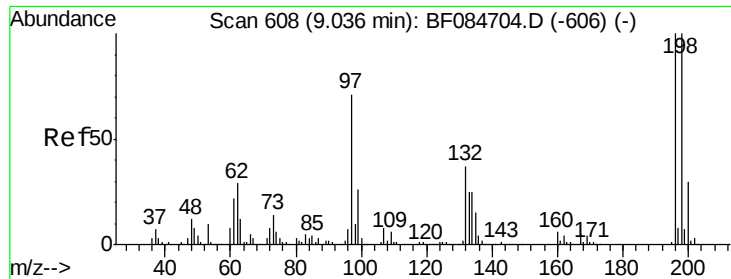
#42
 2,4,6-Trichlorophenol
 Concen: 39.53 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Tgt Ion:196 Resp: 261884
 Ion Ratio Lower Upper
 196 100
 198 100.8 77.7 116.5
 200 31.7 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

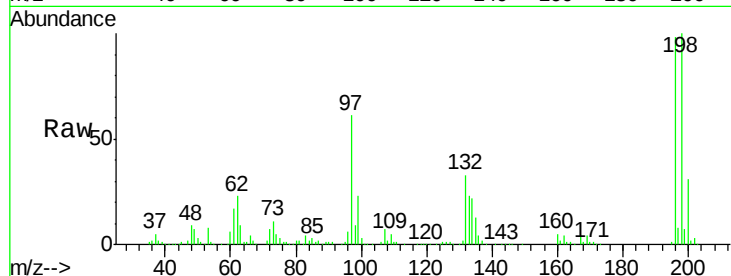




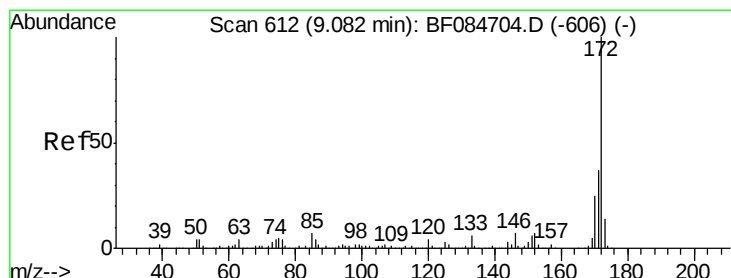
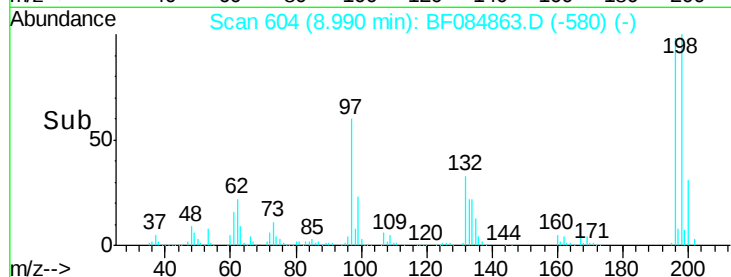
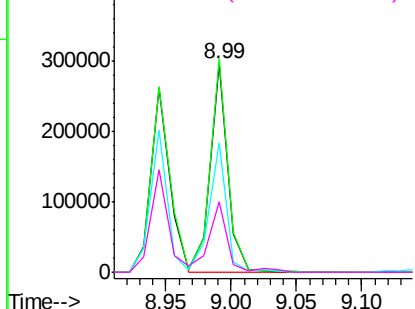
#43
 2,4,5-Trichlorophenol
 Concen: 41.24 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.5	79.0	118.6
97	62.4	33.0	49.6
132	33.8	21.1	31.7

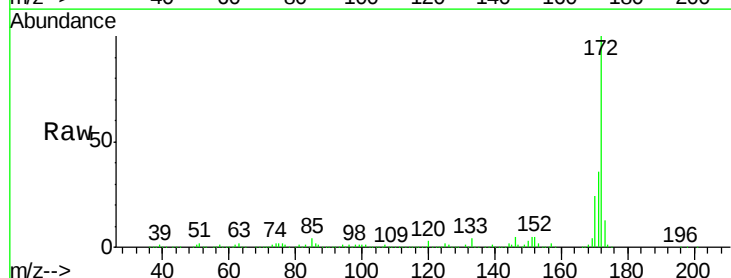


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

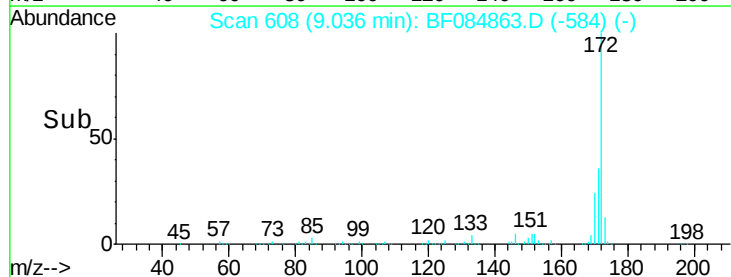
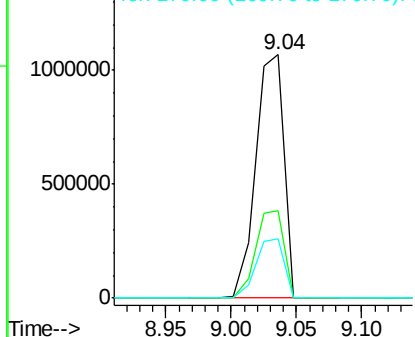


#44
 2-Fluorobiphenyl
 Concen: 82.54 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.5	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

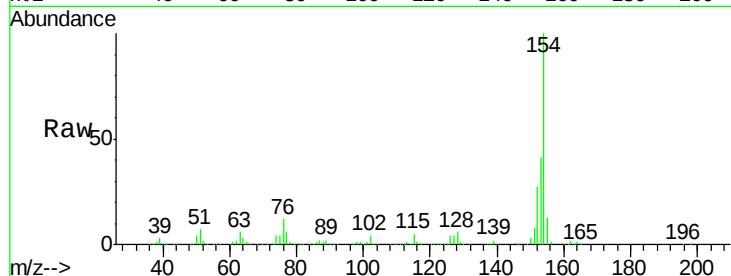




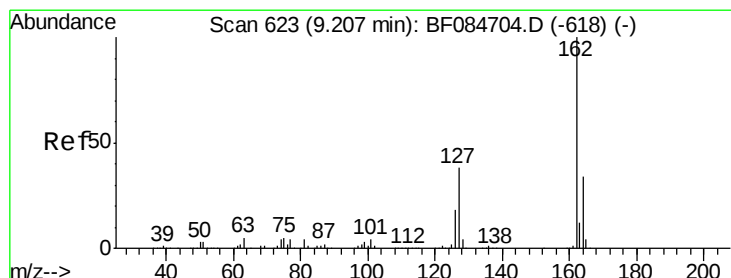
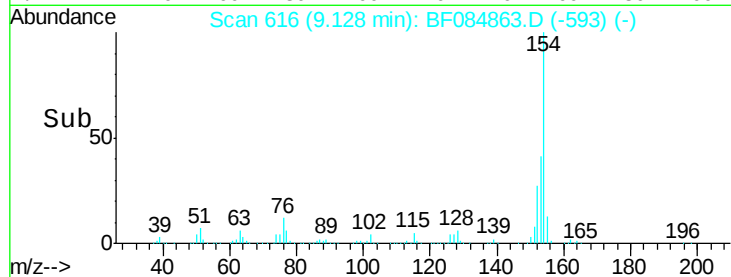
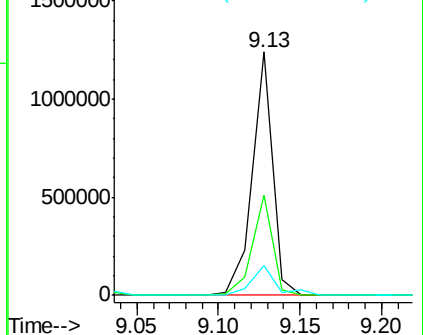
#45
 1,1'-Biphenyl
 Concen: 37.25 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)MS

Tgt Ion:154 Resp: 1077411
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.6 61.6
 76 12.1 0.0 32.7

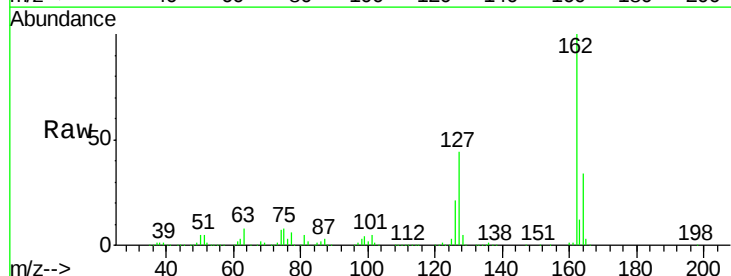


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

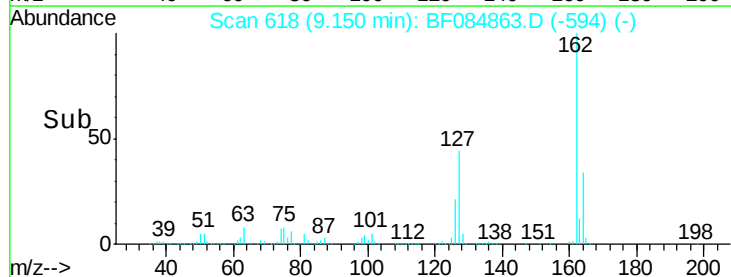
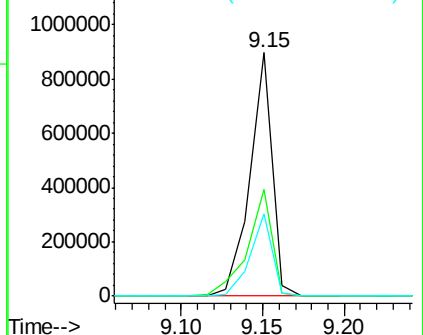


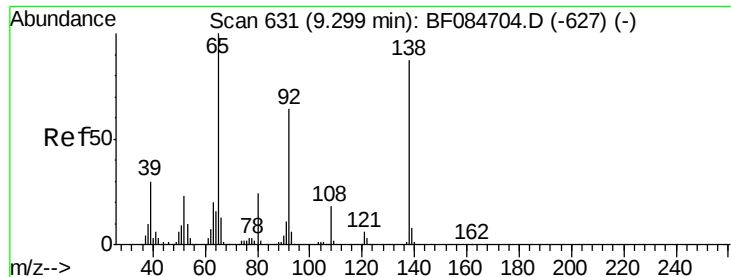
#46
 2-Chloronaphthalene
 Concen: 39.73 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Tgt Ion:162 Resp: 846168
 Ion Ratio Lower Upper
 162 100
 127 43.6 40.2 60.4
 164 34.0 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

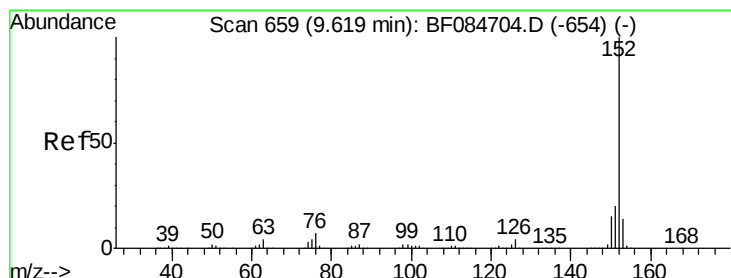
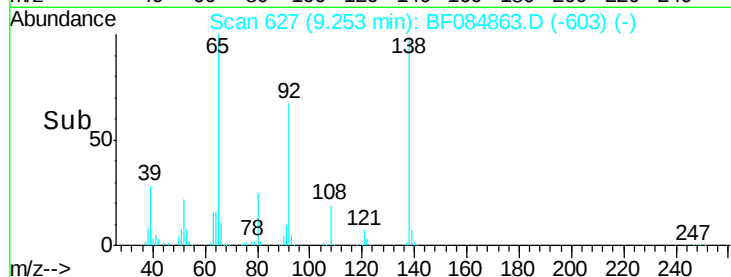
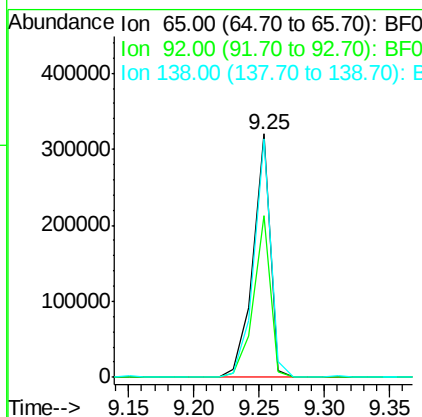
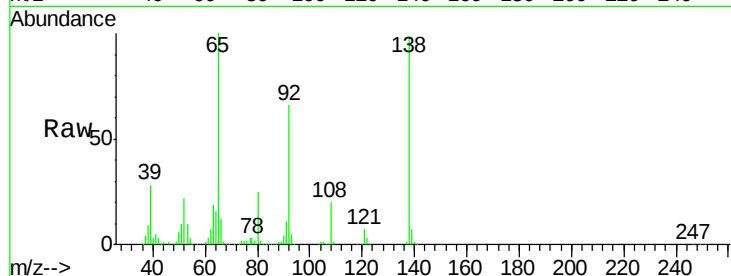




#47
2-Nitroaniline
Concen: 43.88 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

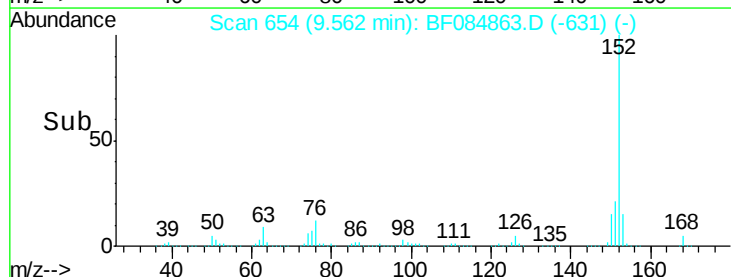
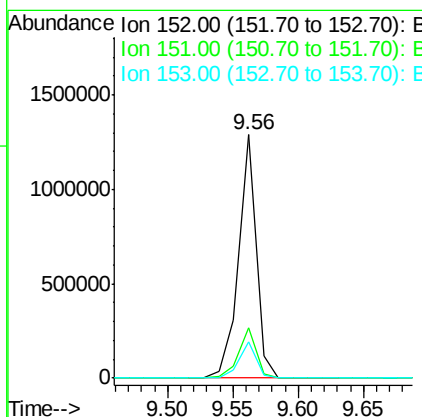
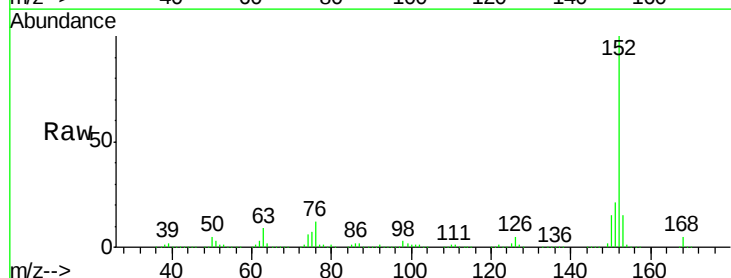
Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

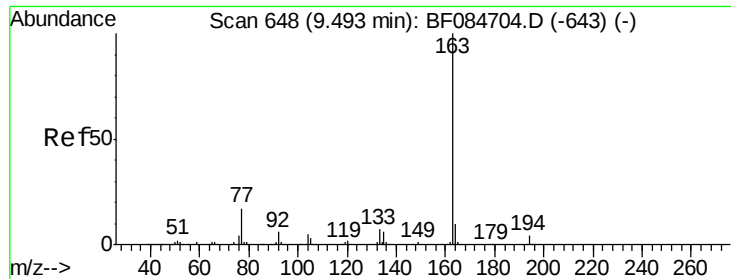
Tgt Ion: 65 Resp: 295909
Ion Ratio Lower Upper
65 100
92 66.5 53.4 80.2
138 98.0 71.1 106.7



#48
Acenaphthylene
Concen: 37.03 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 152 Resp: 1196921
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.7 10.4 15.6

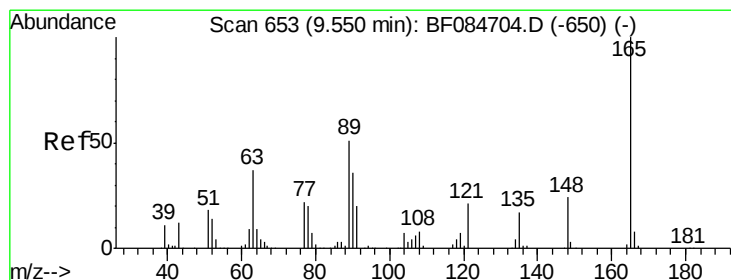
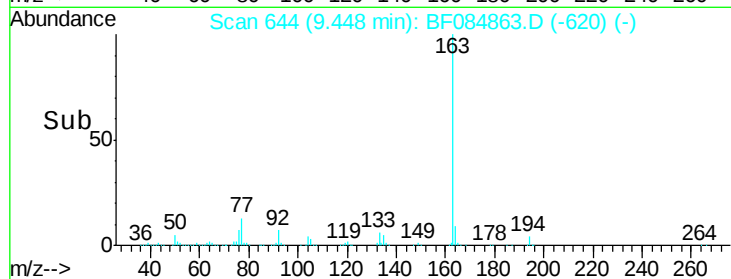
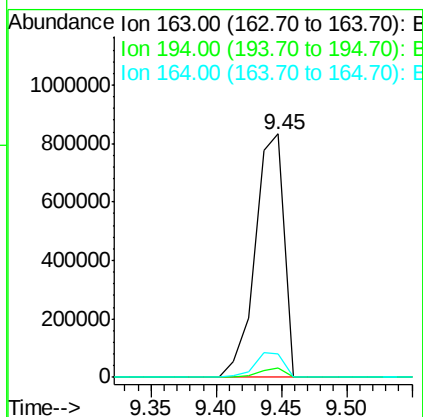
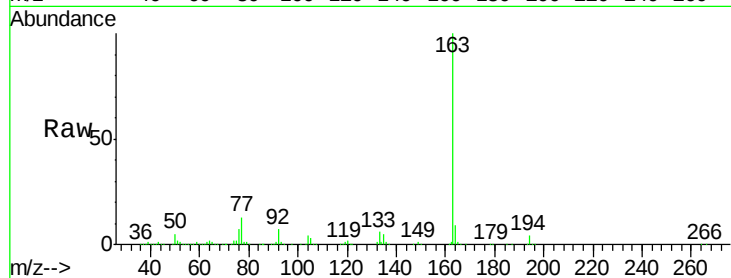




#49
Dimethylphthalate
Concen: 51.92 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

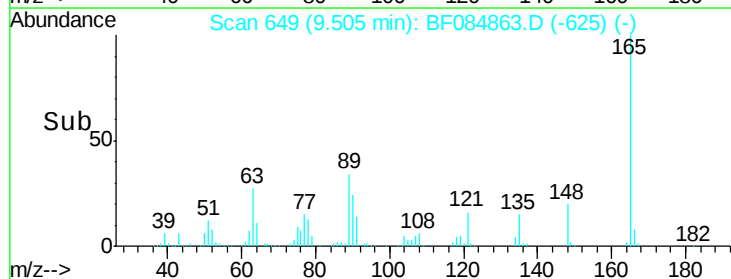
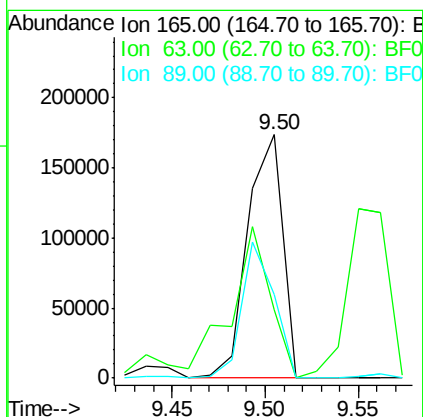
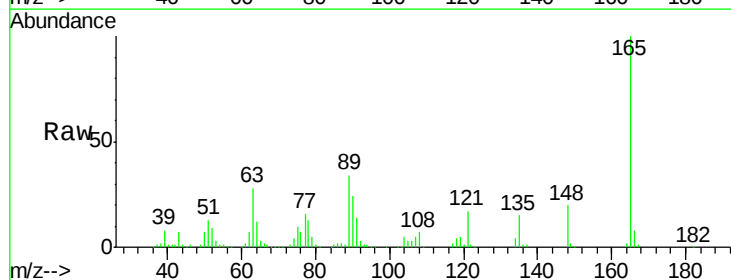
Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

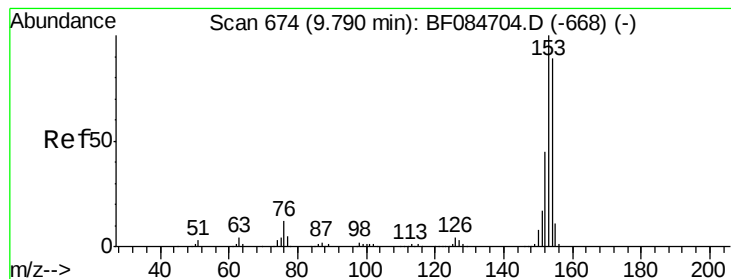
Tgt Ion:163 Resp: 1280373
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 9.5 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 41.67 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:165 Resp: 224475
Ion Ratio Lower Upper
165 100
63 27.9 28.8 43.2#
89 34.3 35.1 52.7#





#51

Acenaphthene

Concen: 37.47 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

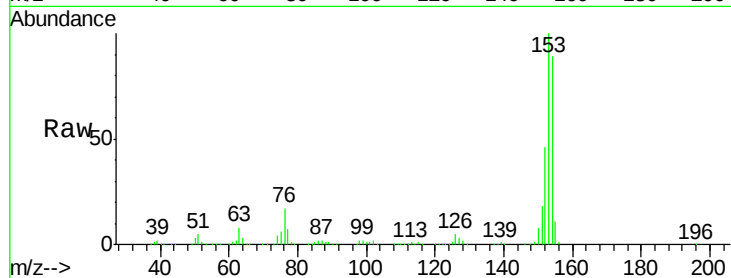
Tgt Ion:154 Resp: 787864

Ion Ratio Lower Upper

154 100

153 111.9 91.5 137.3

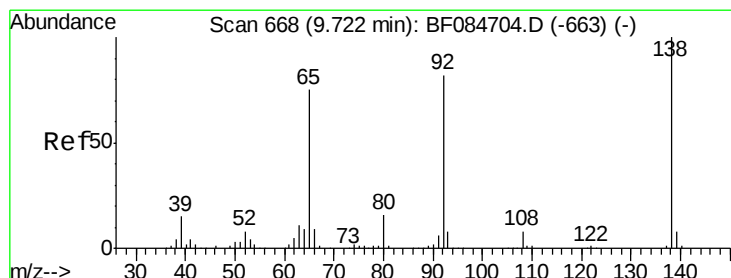
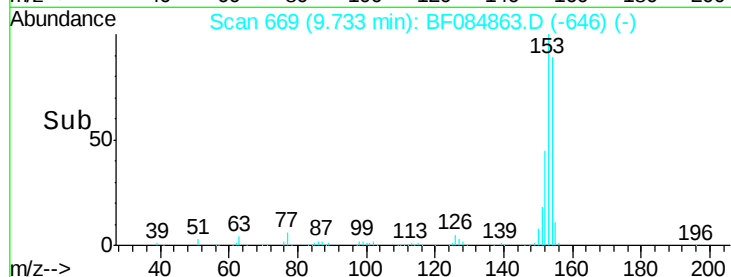
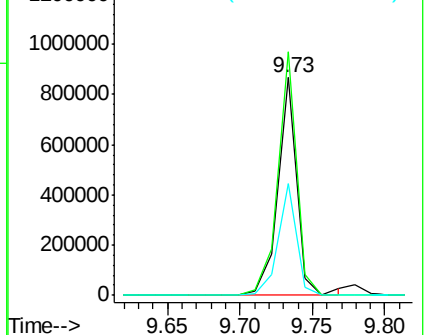
152 51.4 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.02 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

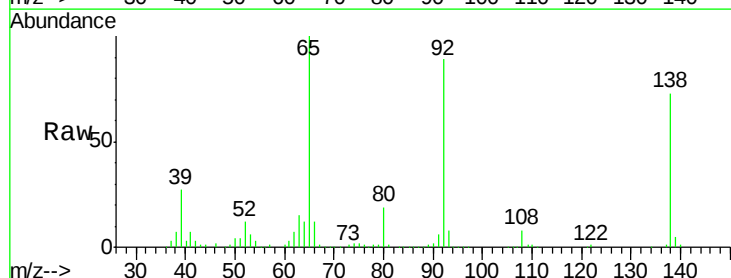
Tgt Ion:138 Resp: 181722

Ion Ratio Lower Upper

138 100

108 10.5 10.5 15.7

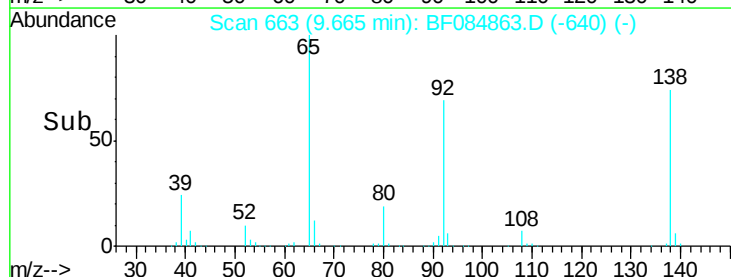
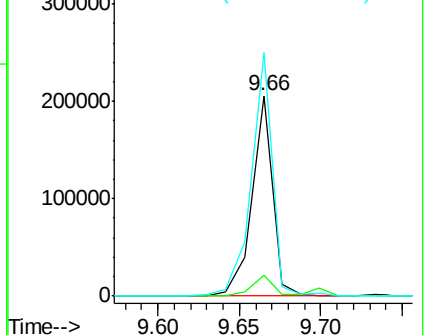
92 121.7 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

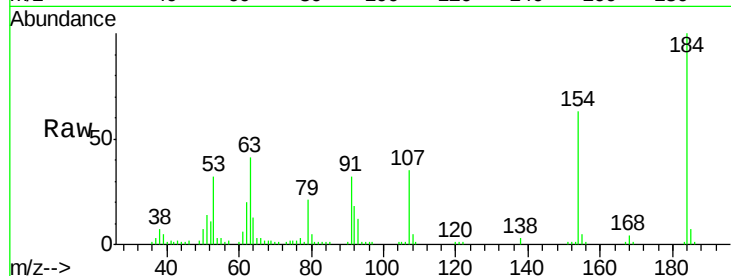




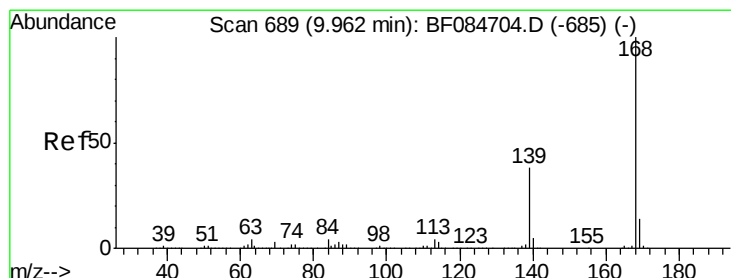
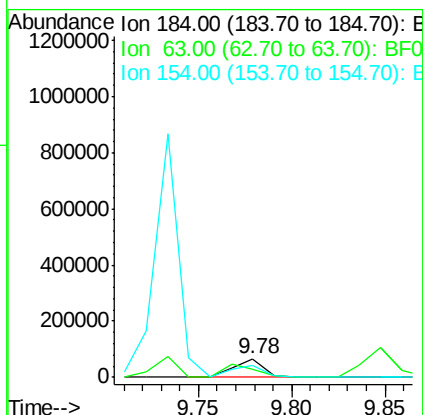
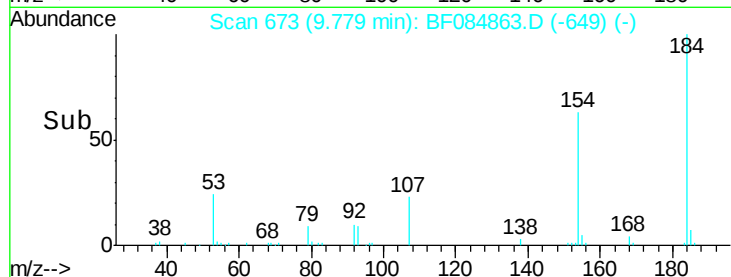
#53
2,4-Dinitrophenol
Concen: 35.09 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

Tgt Ion:184 Resp: 78514
Ion Ratio Lower Upper
184 100
63 41.3 43.1 64.7#
154 62.7 60.5 90.7

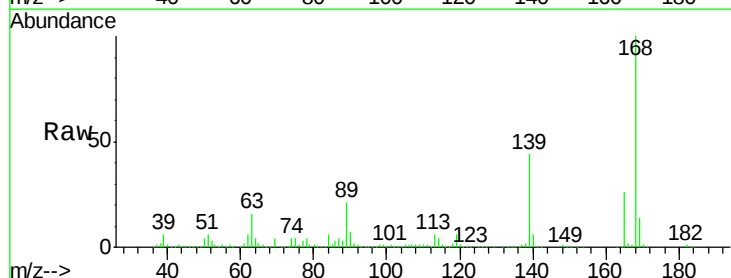


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

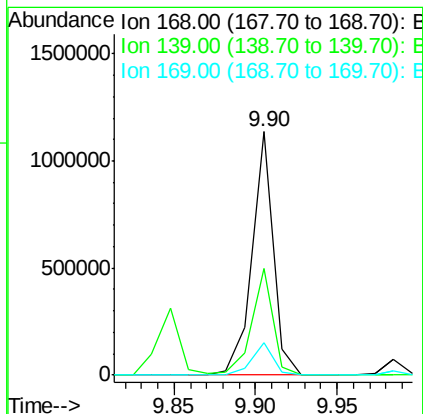
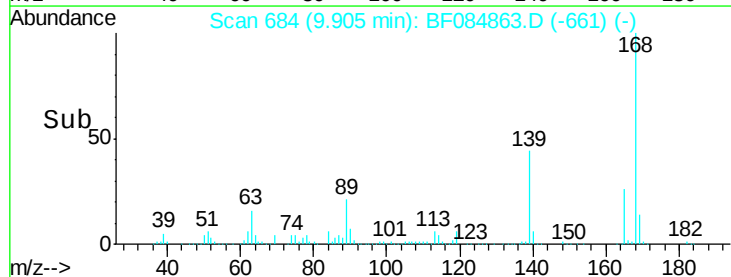


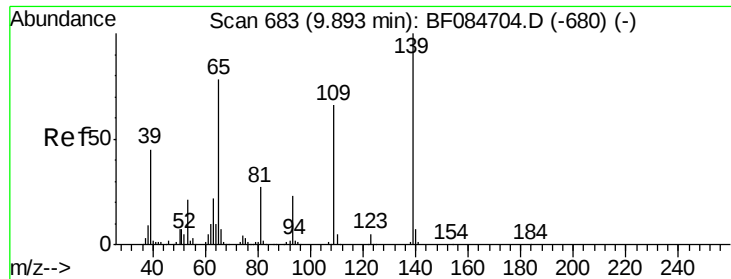
#54
Dibenzofuran
Concen: 40.12 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:168 Resp: 1031027
Ion Ratio Lower Upper
168 100
139 43.9 30.5 45.7
169 13.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.85 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

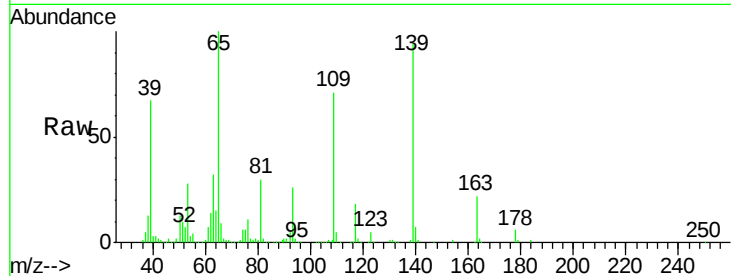
Tgt Ion:139 Resp: 306340

Ion Ratio Lower Upper

139 100

109 75.5 58.5 98.5

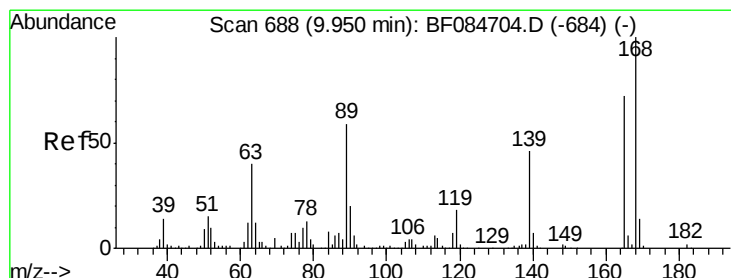
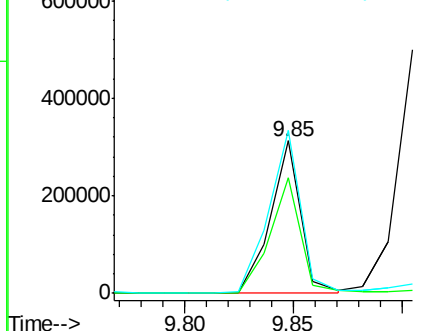
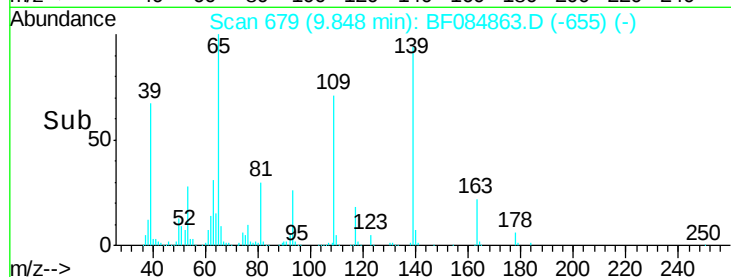
65 106.5 57.6 97.6#



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: 43.33 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Tgt Ion:165 Resp: 297756

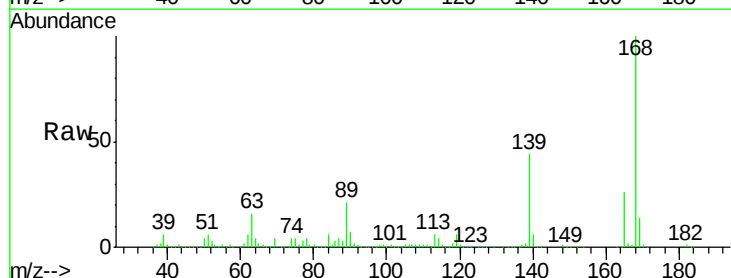
Ion Ratio Lower Upper

165 100

63 60.0 36.7 55.1#

89 79.0 61.9 92.9

182 2.0 2.0 3.0#

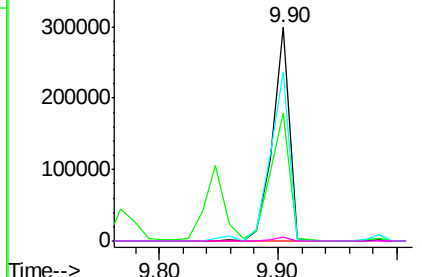
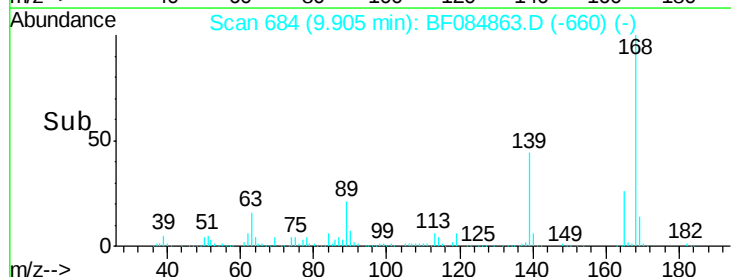


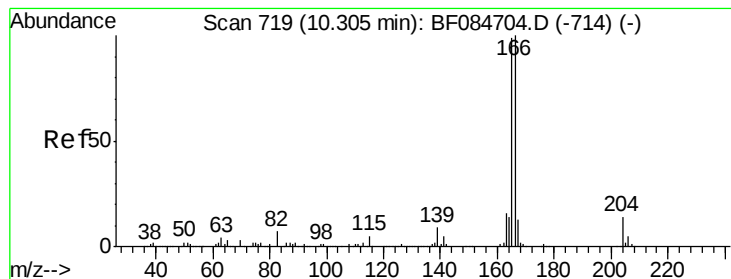
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.80 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

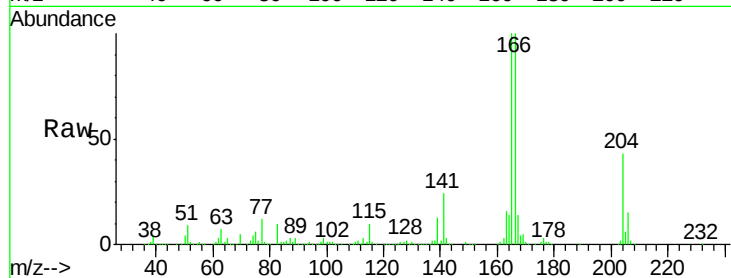
Tgt Ion:166 Resp: 854042

Ion Ratio Lower Upper

166 100

165 99.8 79.1 118.7

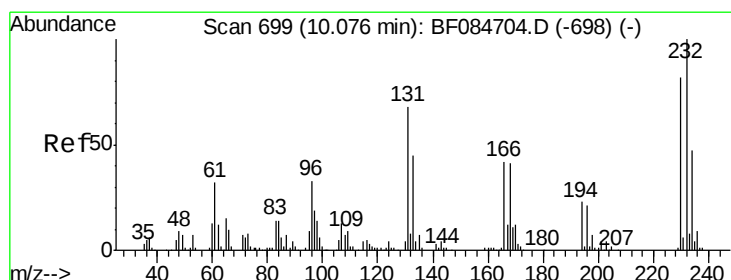
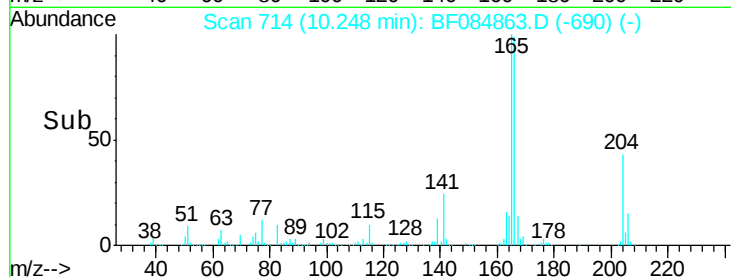
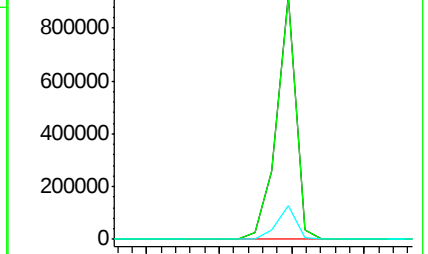
167 14.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.72 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Tgt Ion:232 Resp: 244530

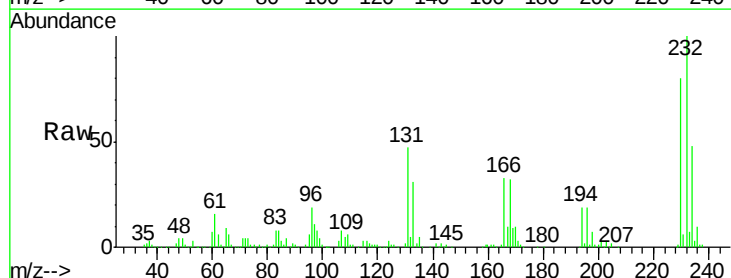
Ion Ratio Lower Upper

232 100

131 50.8 47.0 70.6

130 2.4 2.0 3.0

166 32.7 30.5 45.7

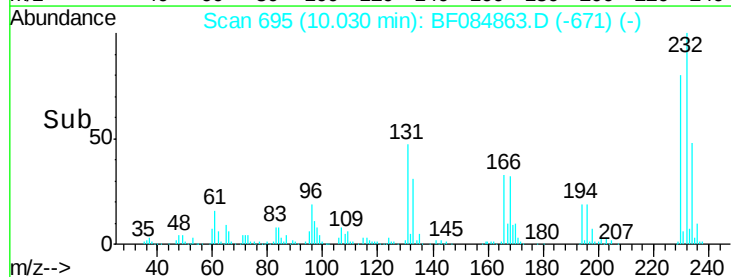
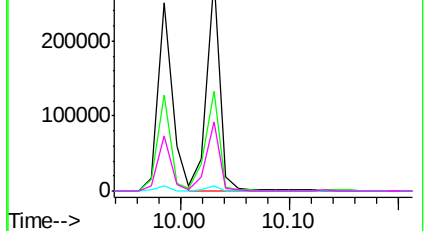


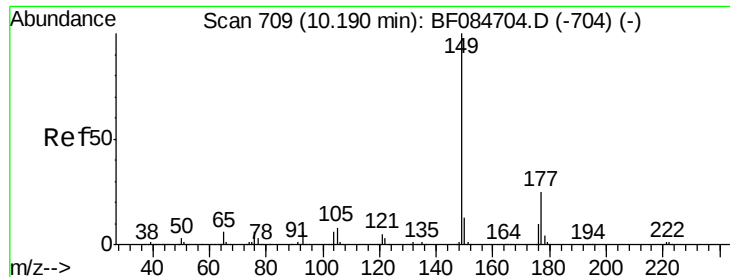
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

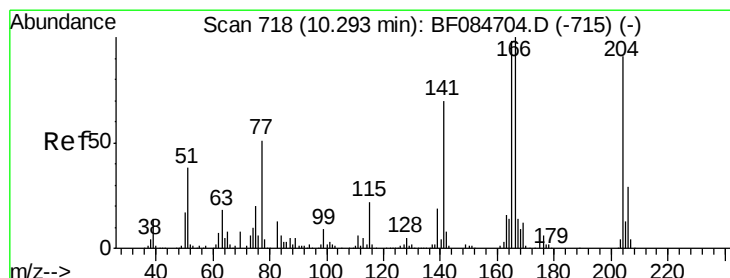
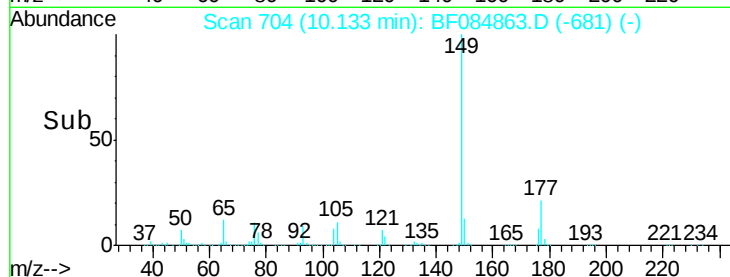
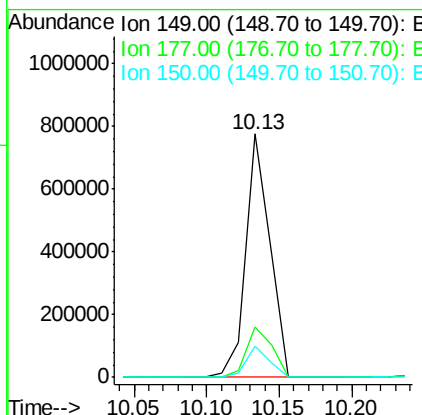
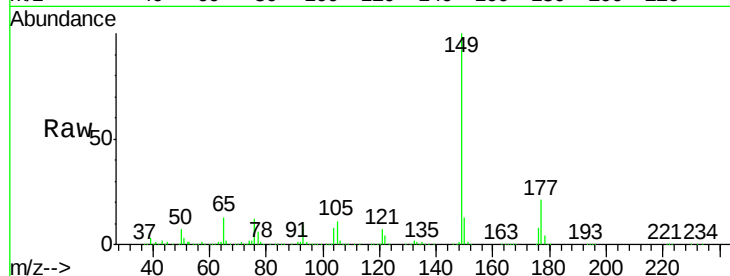




#59
Diethylphthalate
Concen: 37.01 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

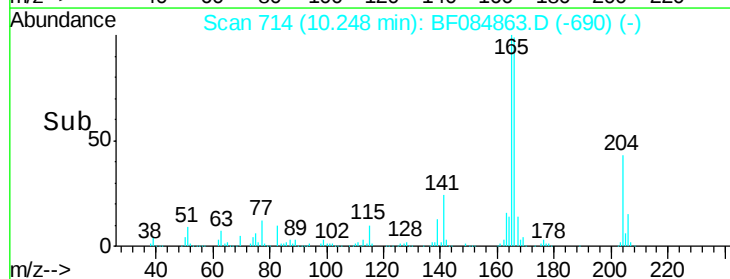
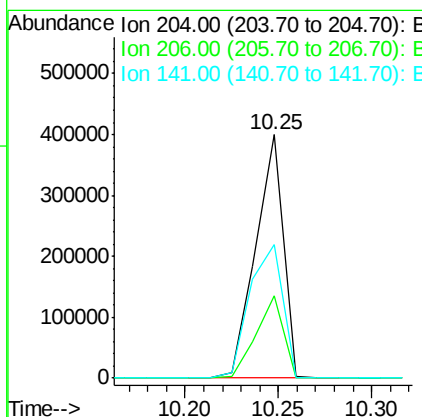
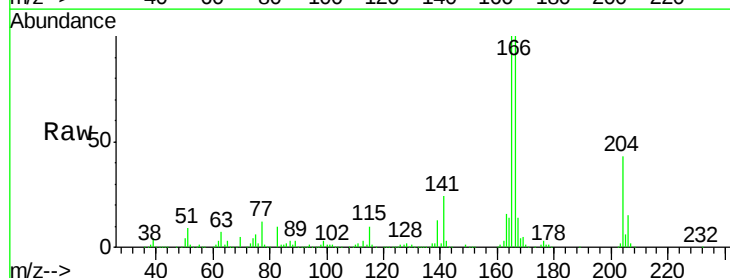
Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

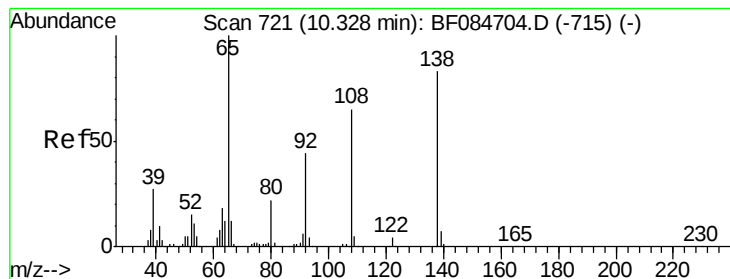
Tgt Ion:149 Resp: 891165
Ion Ratio Lower Upper
149 100
177 20.6 17.3 25.9
150 12.7 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 45.34 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:204 Resp: 408285
Ion Ratio Lower Upper
204 100
206 33.7 25.7 38.5
141 55.0 55.1 82.7#





#61

4-Nitroaniline

Concen: 41.66 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

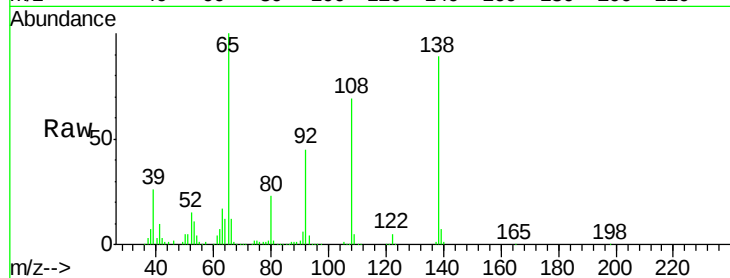
Tgt Ion:138 Resp: 245779

Ion Ratio Lower Upper

138 100

92 50.9 32.6 72.6

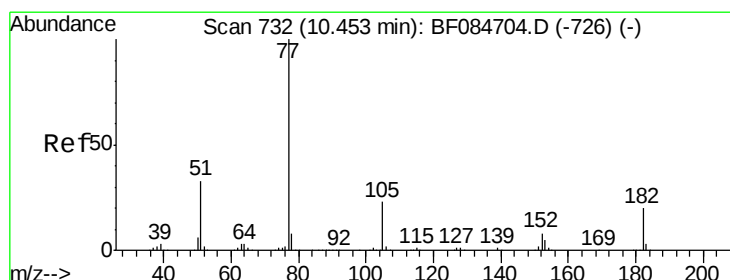
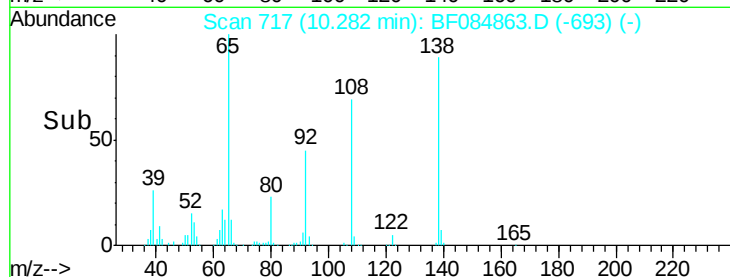
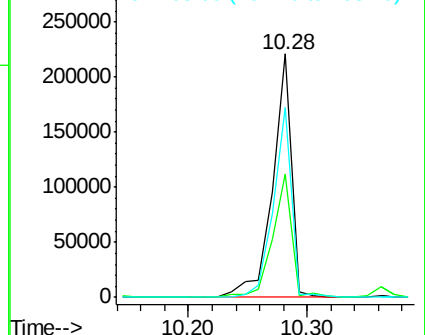
108 77.8 68.6 108.6



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: 43.37 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Tgt Ion: 77 Resp: 1004185

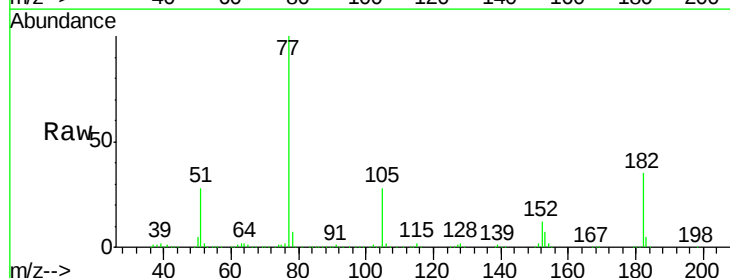
Ion Ratio Lower Upper

77 100

182 35.4 8.3 48.3

105 27.7 4.6 44.6

51 27.9 6.2 46.2

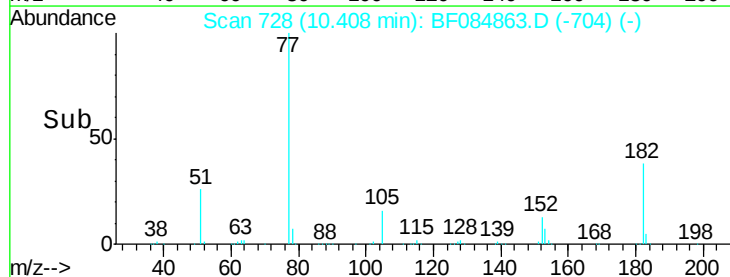
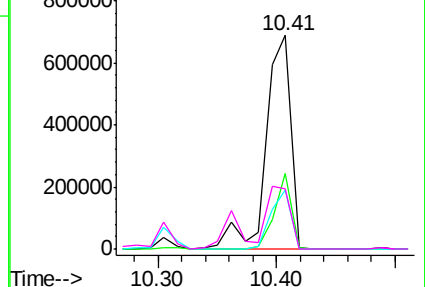


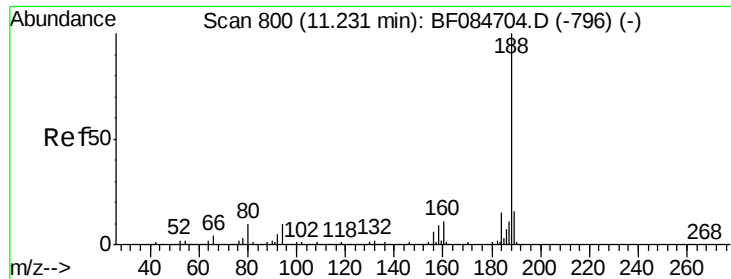
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

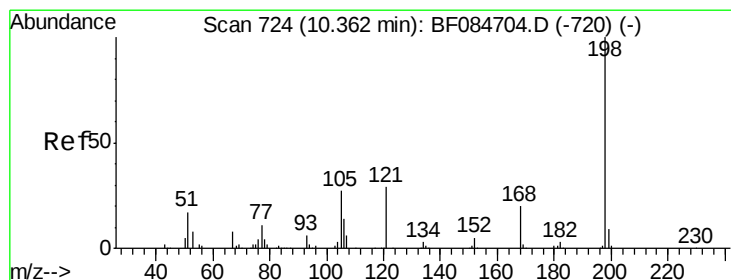
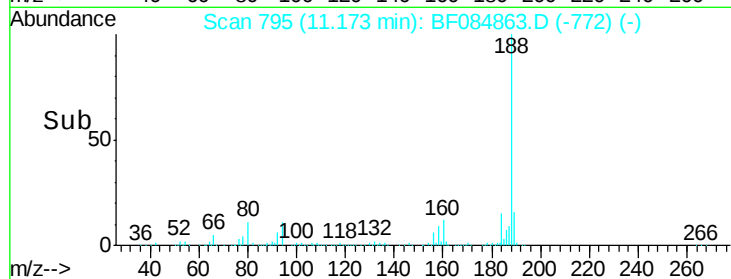
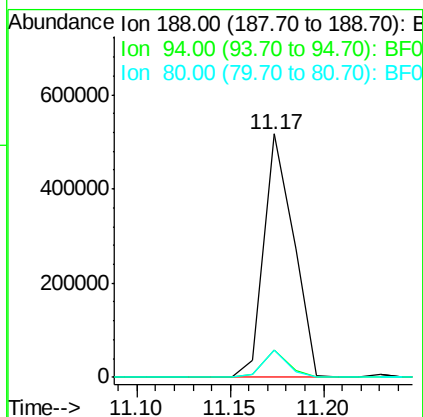
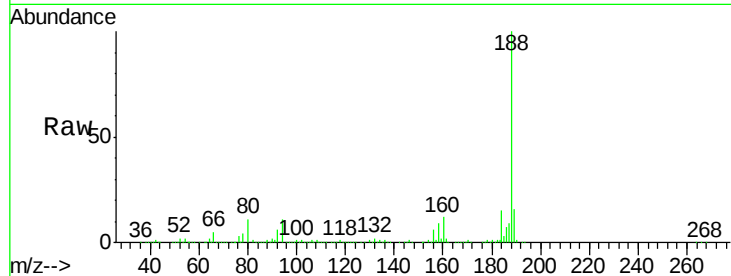




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

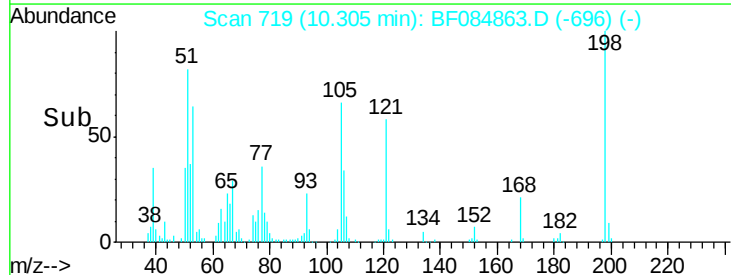
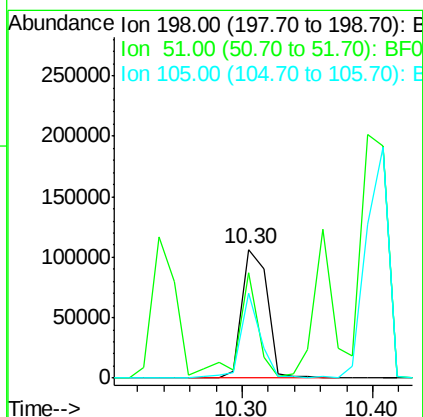
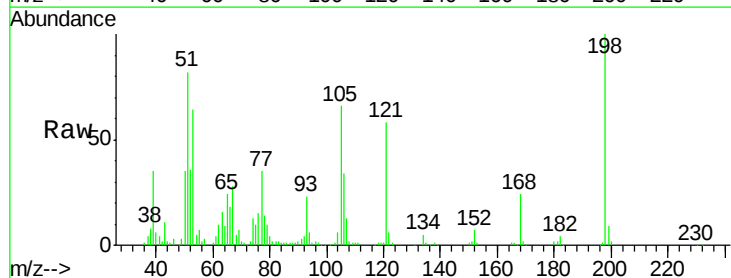
Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

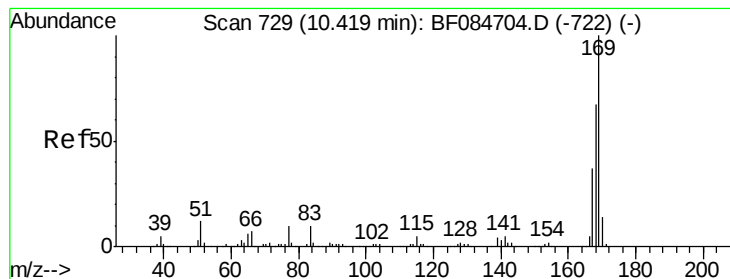
Tgt Ion:188 Resp: 570843
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.4
80 11.5 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 40.80 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:198 Resp: 143740
Ion Ratio Lower Upper
198 100
51 81.9 18.9 58.9#
105 65.7 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 41.58 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

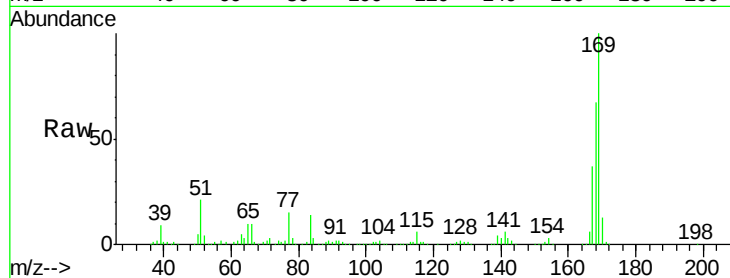
Tgt Ion:169 Resp: 753739

Ion Ratio Lower Upper

169 100

168 67.0 55.1 82.7

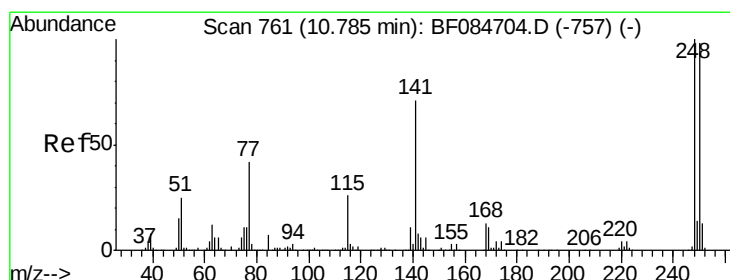
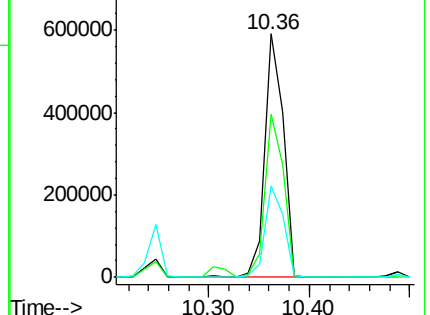
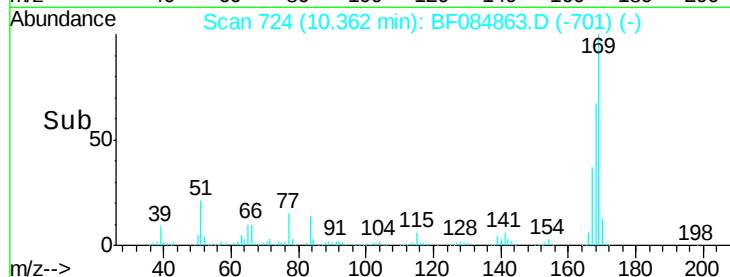
167 37.5 30.0 45.0



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: 39.52 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

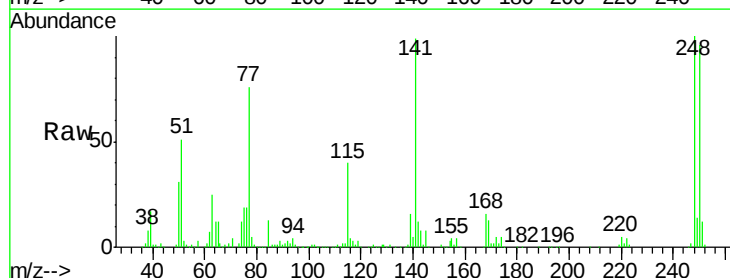
Tgt Ion:248 Resp: 249168

Ion Ratio Lower Upper

248 100

250 95.9 78.4 117.6

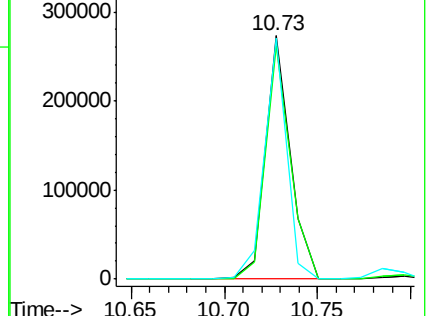
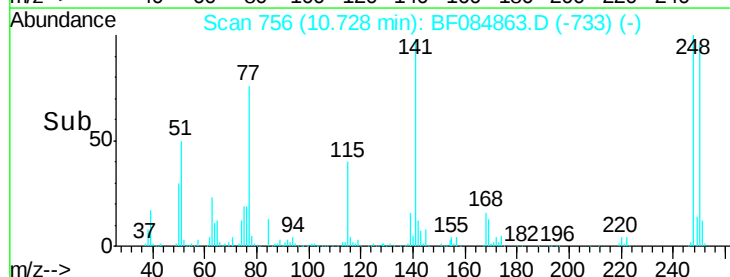
141 99.2 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.32 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

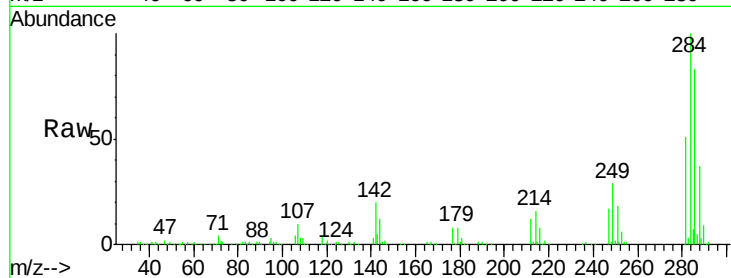
Tgt Ion:284 Resp: 297624

Ion Ratio Lower Upper

284 100

142 19.9 22.2 33.4#

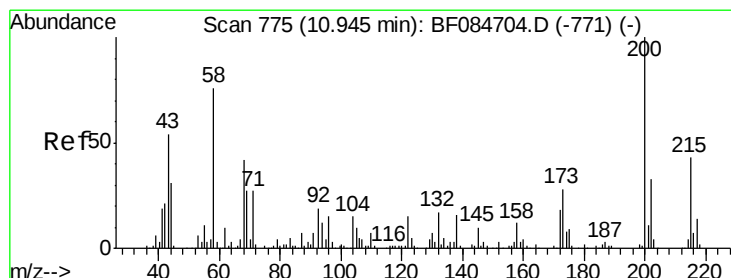
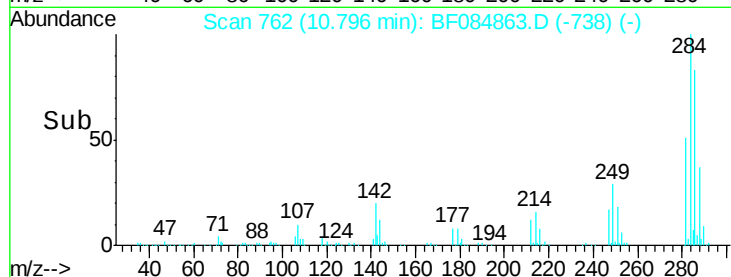
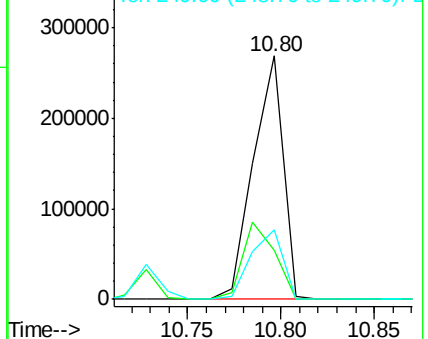
249 28.6 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.93 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

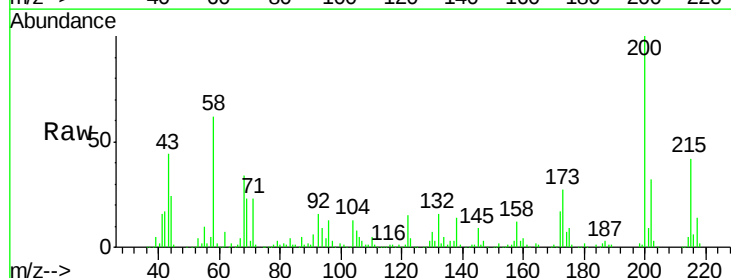
Tgt Ion:200 Resp: 245721

Ion Ratio Lower Upper

200 100

173 26.9 9.5 49.5

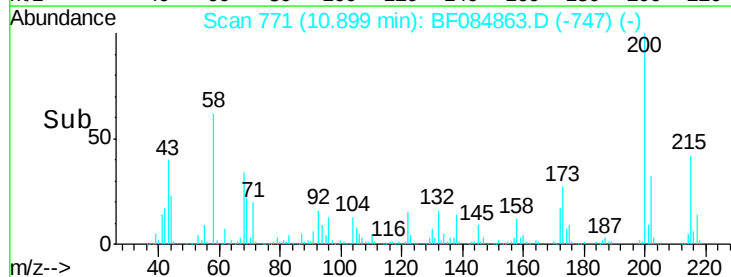
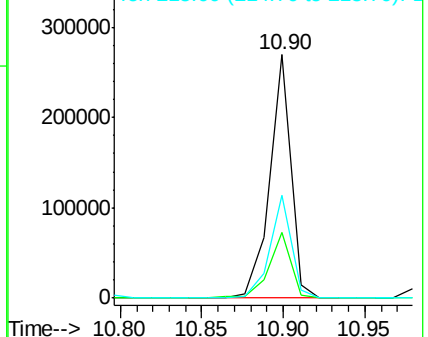
215 42.4 23.8 63.8

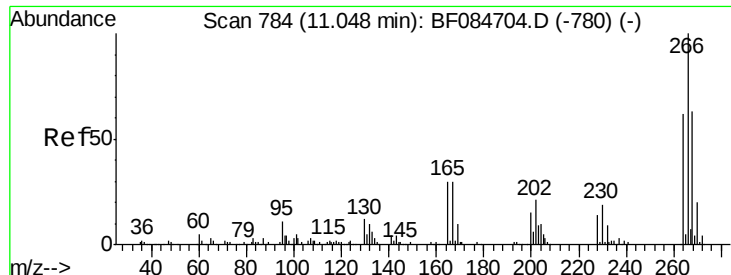


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

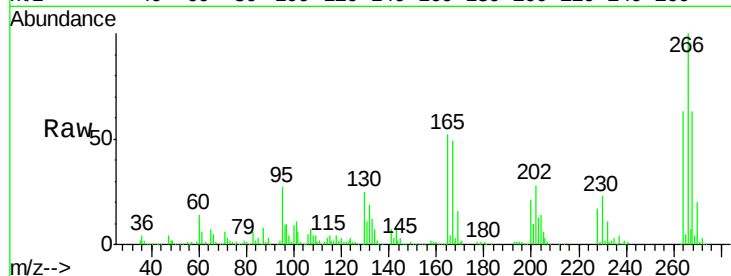




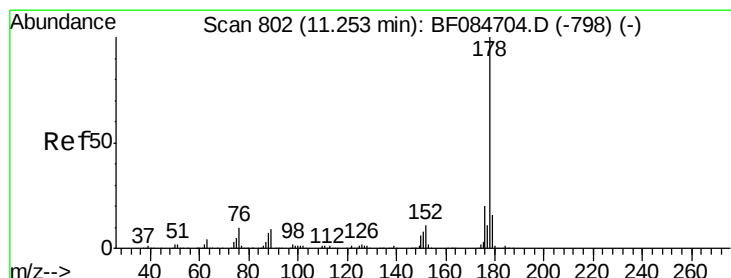
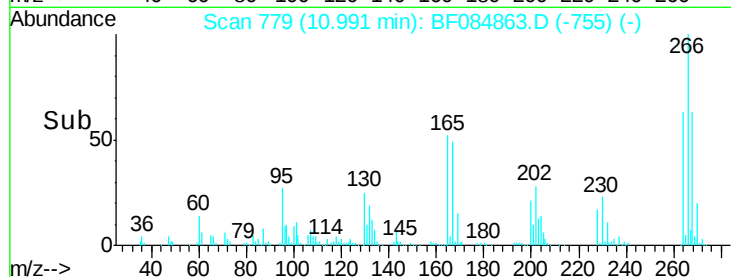
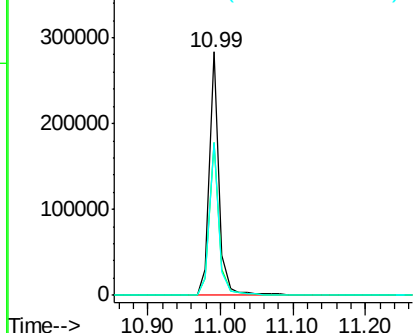
#69
 Pentachlorophenol
 Concen: 82.15 ng
 RT: 10.99 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)MS

Tgt Ion:266 Resp: 265251
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.4 78.6
 264 62.9 50.2 75.2

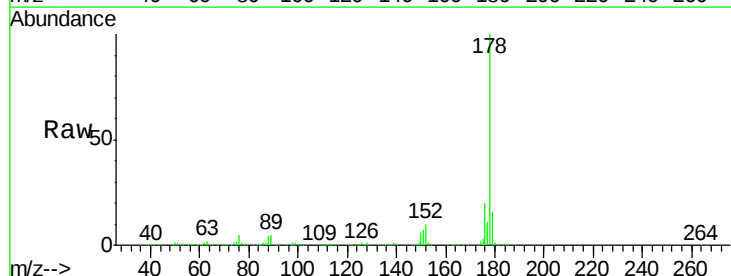


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

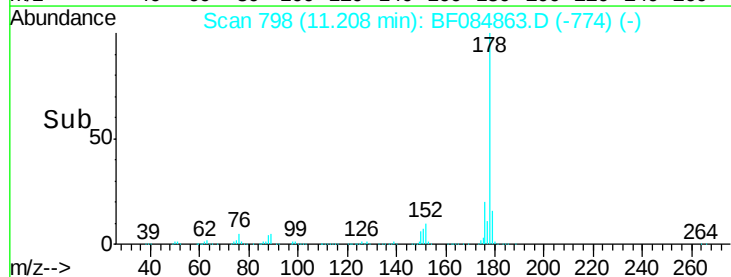
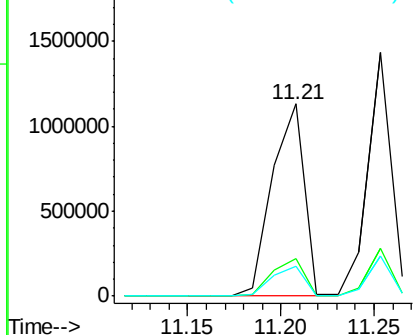


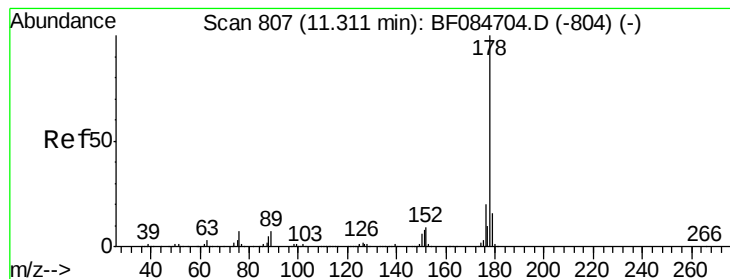
#70
 Phenanthrene
 Concen: 42.72 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Tgt Ion:178 Resp: 1352637
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.3 22.9
 179 15.6 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: 39.06 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

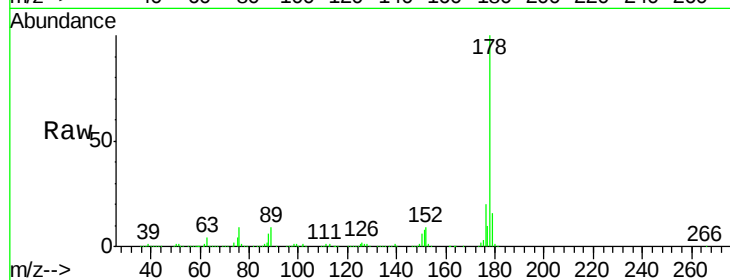
Tgt Ion:178 Resp: 1246192

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

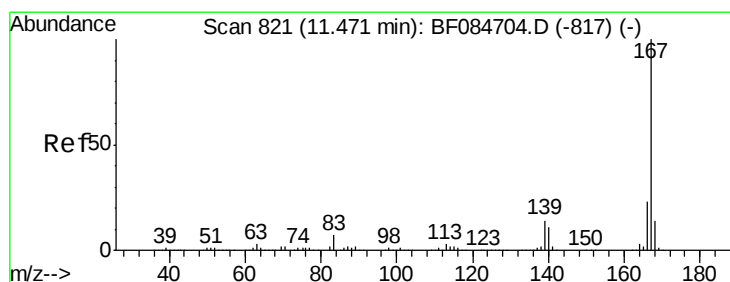
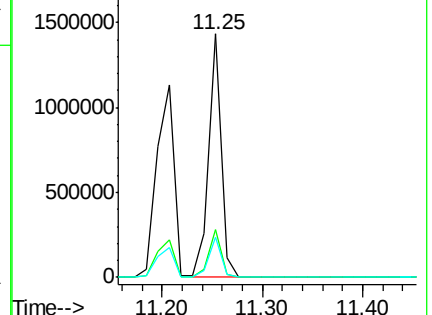
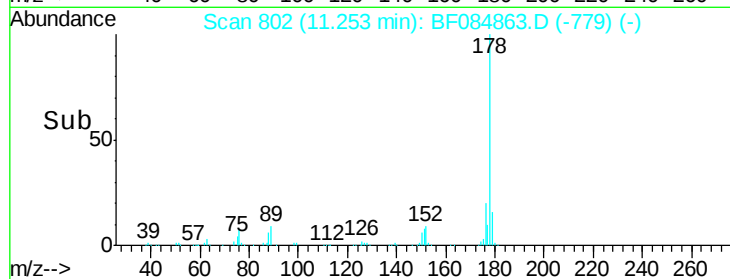
179 16.4 12.5 18.7



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: 41.48 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

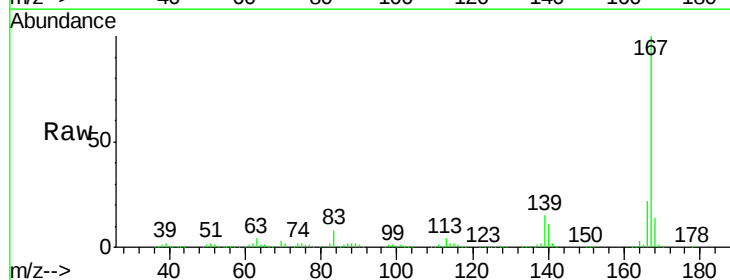
Tgt Ion:167 Resp: 1153841

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

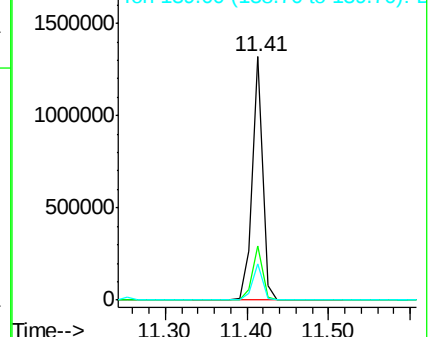
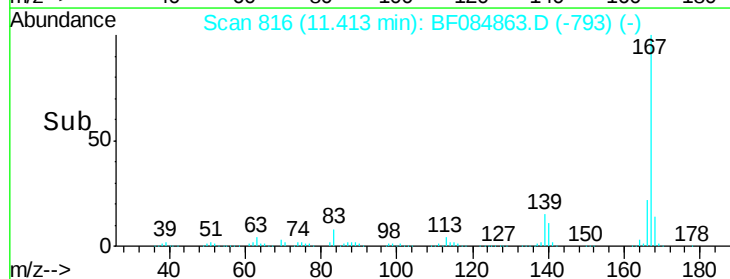
139 14.7 11.8 17.8



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: 41.69 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

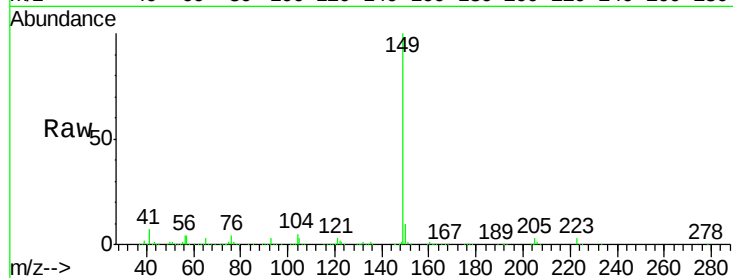
Tgt Ion:149 Resp: 1476607

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

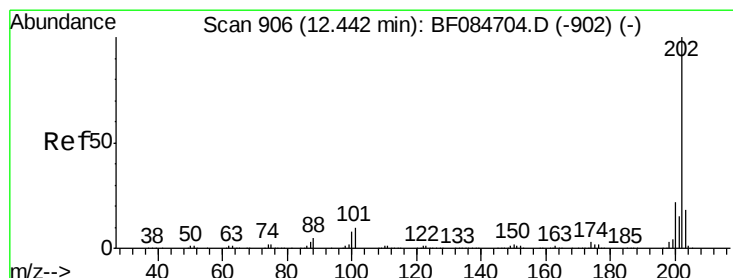
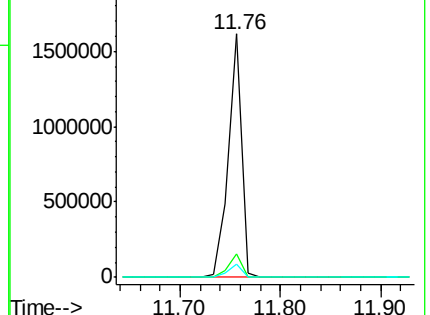
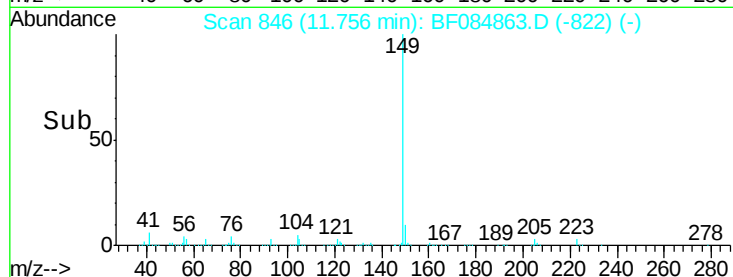
104 5.2 3.2 4.8#



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: 40.96 ng

RT: 12.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

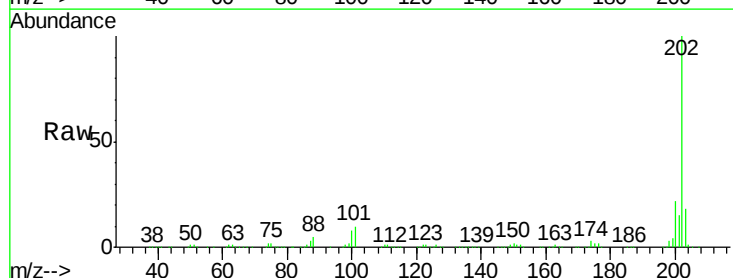
Tgt Ion:202 Resp: 1312428

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.8

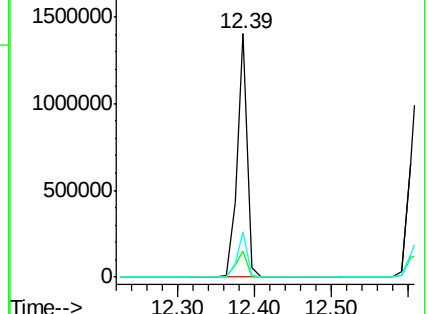
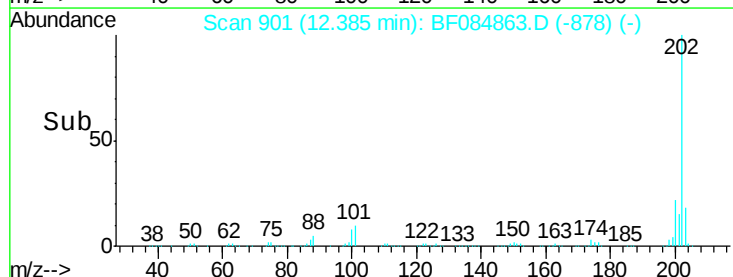
203 18.4 0.0 37.9

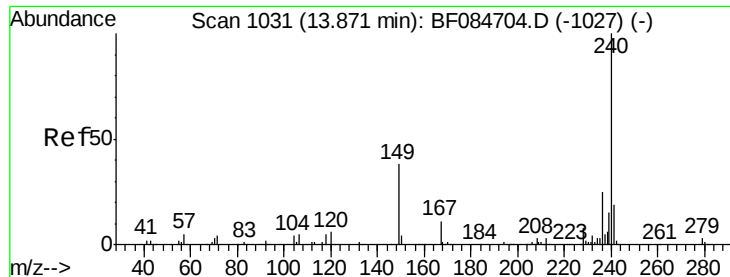


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

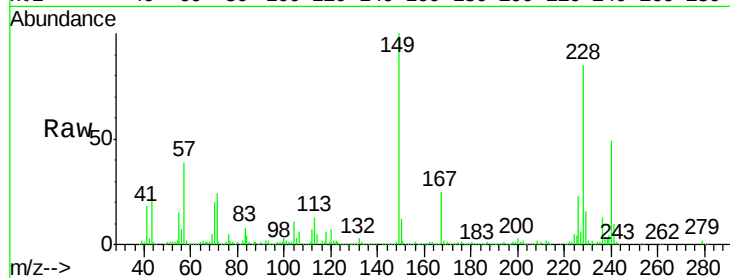
Tgt Ion:240 Resp: 377457

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

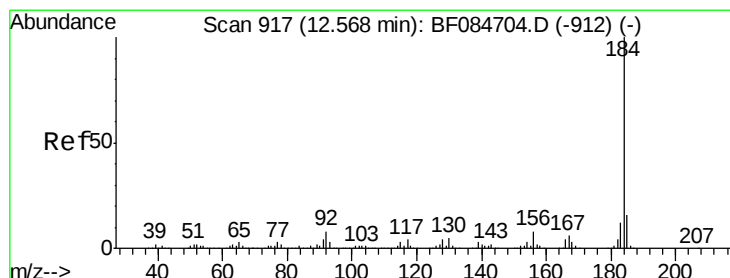
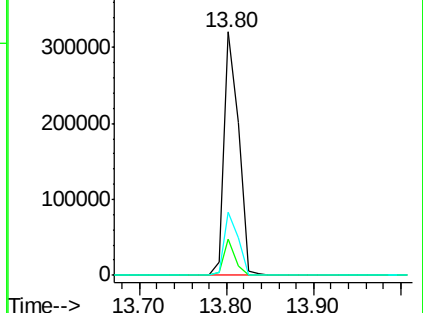
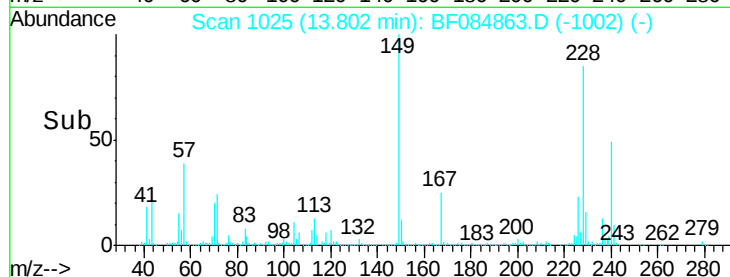
236 25.9 20.6 31.0



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: 43.82 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

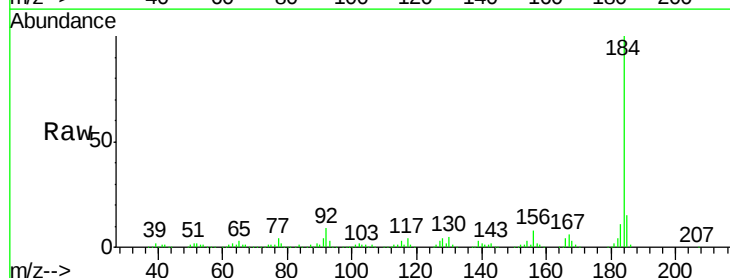
Tgt Ion:184 Resp: 574424

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

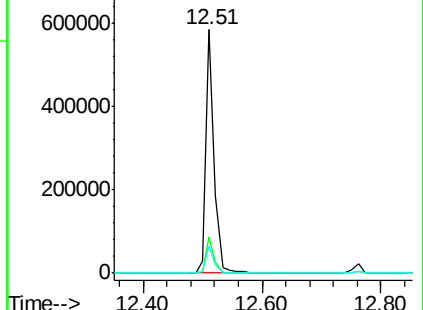
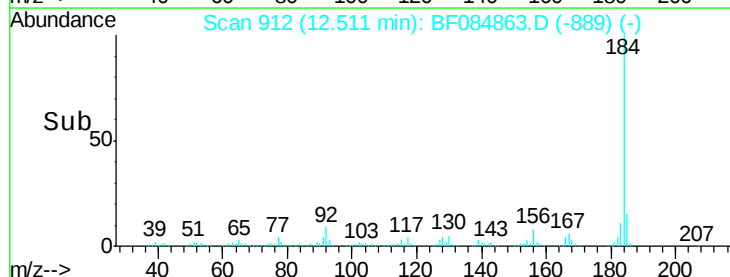
183 11.4 9.8 14.8

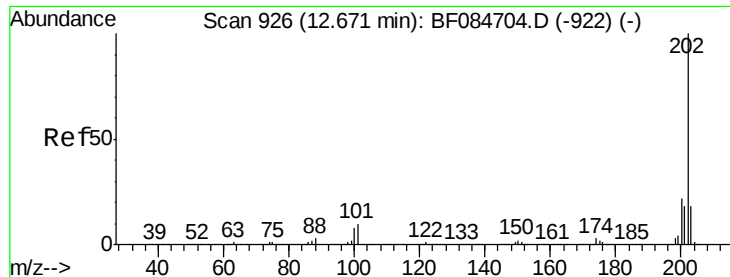


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.46 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

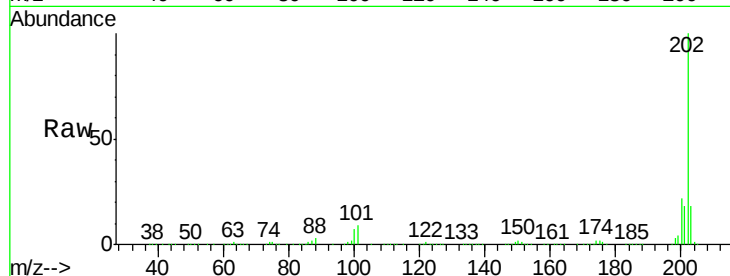
Tgt Ion:202 Resp: 1400529

Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

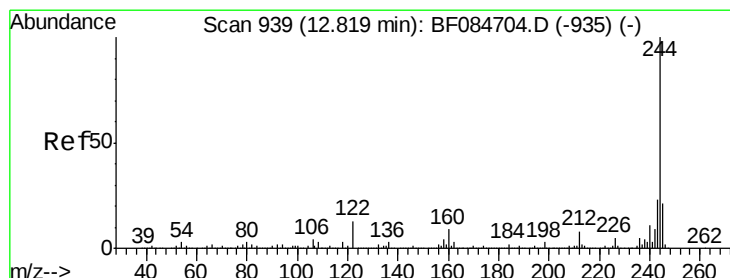
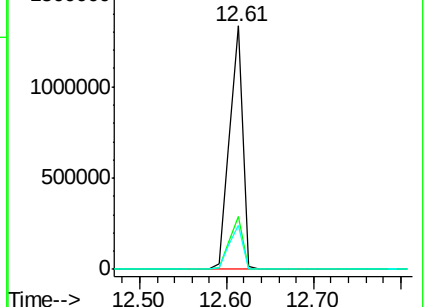
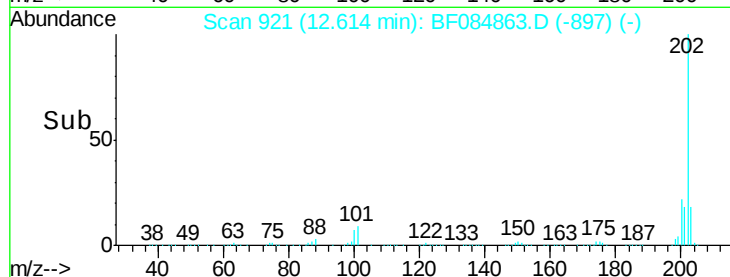
203 18.2 14.3 21.5



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: 78.82 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

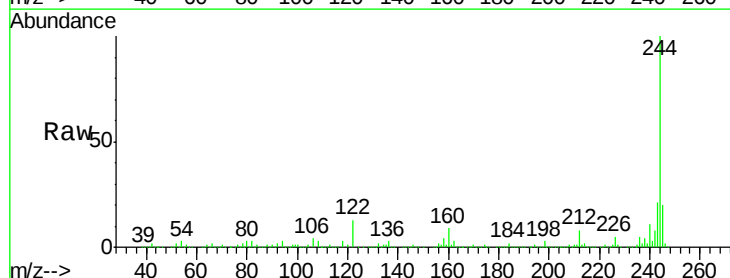
Tgt Ion:244 Resp: 1312994

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

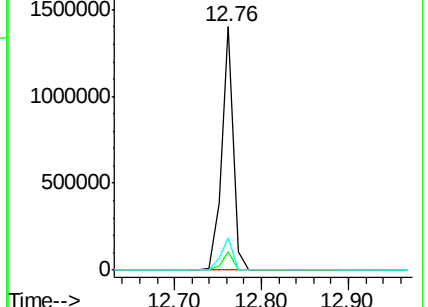
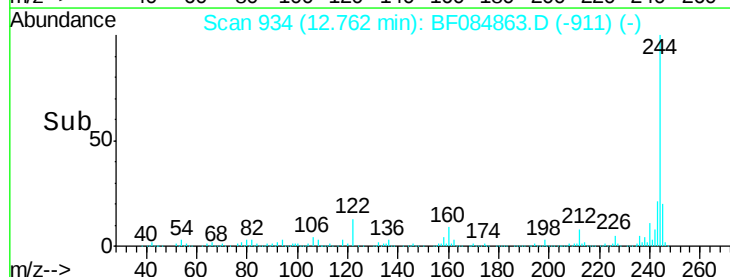
122 13.3 7.4 11.0#

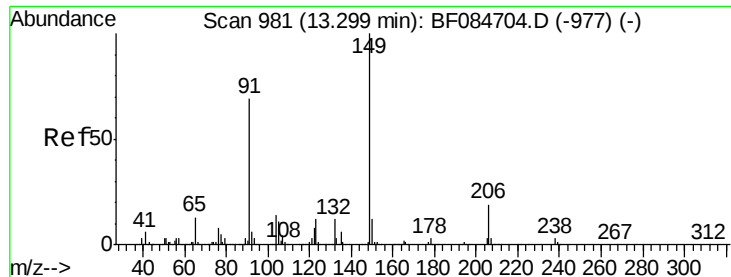


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

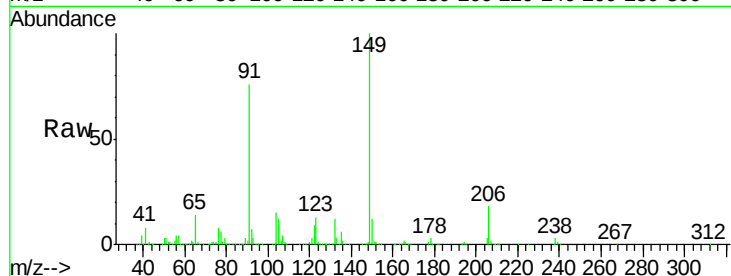




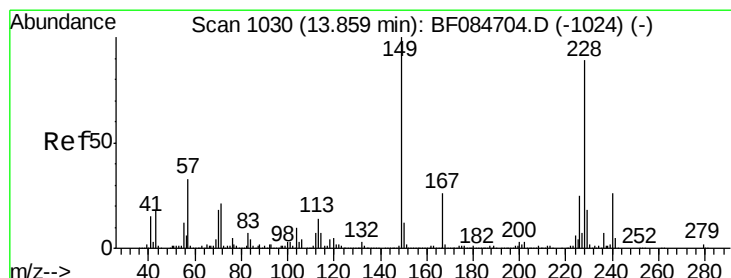
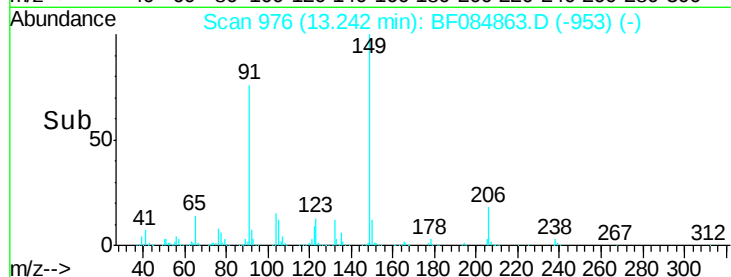
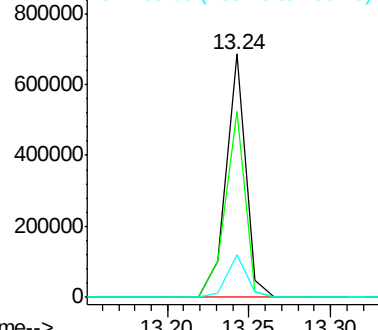
#79
Butylbenzylphthalate
Concen: 43.90 ng
RT: 13.24 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

Tgt Ion:149 Resp: 575585
Ion Ratio Lower Upper
149 100
91 76.2 57.6 86.4
206 17.5 13.2 19.8

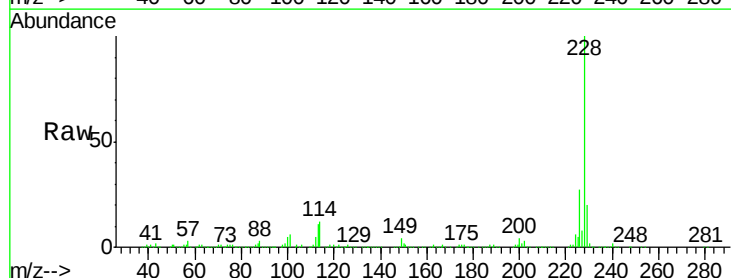


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

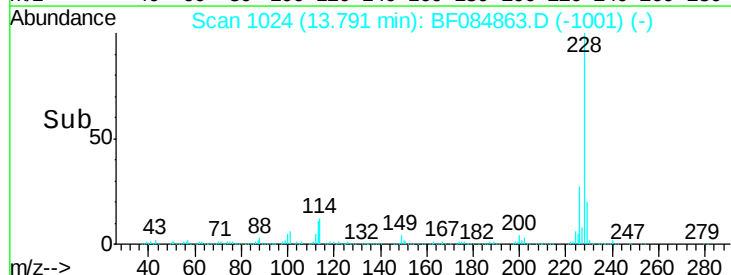
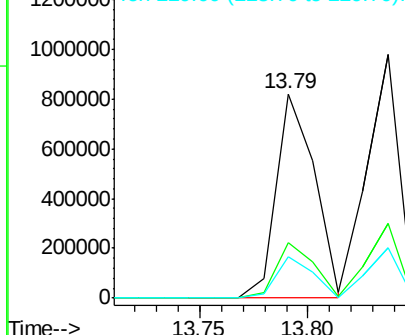


#80
Benzo(a)anthracene
Concen: 43.20 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:228 Resp: 1012101
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 20.3 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

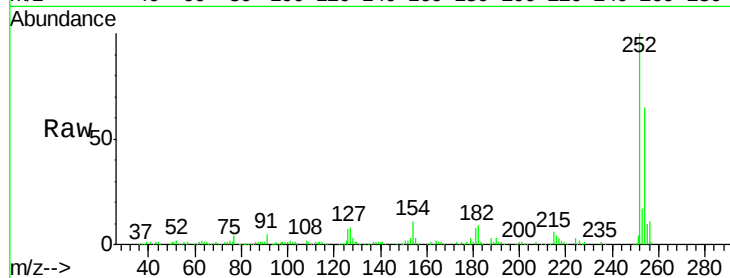




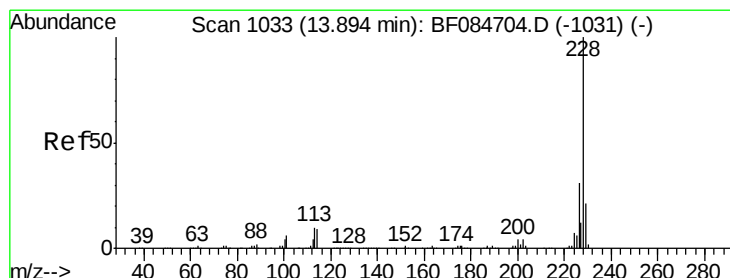
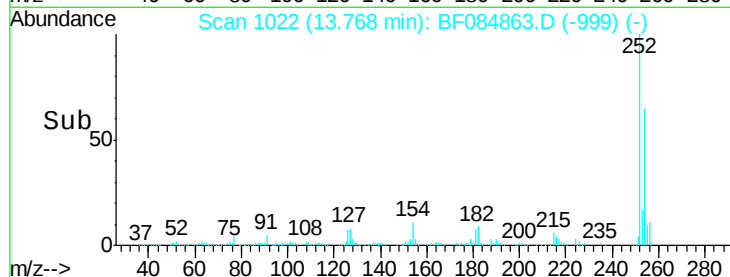
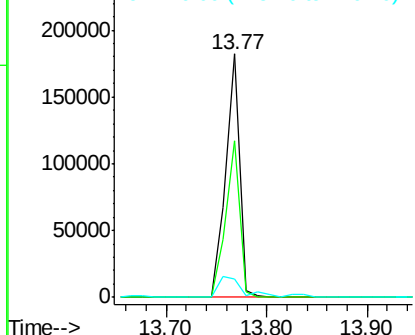
#81
 3,3'-Dichlorobenzidine
 Concen: 21.43 ng
 RT: 13.77 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)MS

Tgt Ion:252 Resp: 177766
 Ion Ratio Lower Upper
 252 100
 254 64.6 53.5 80.3
 126 7.5 4.9 7.3#

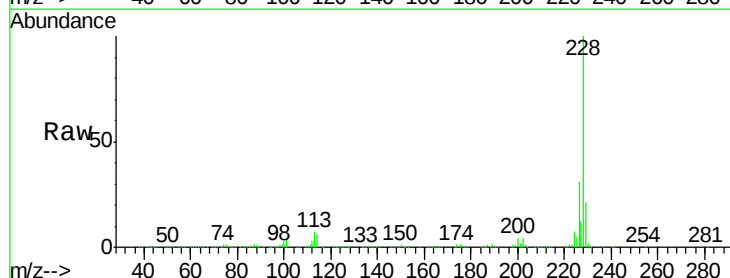


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

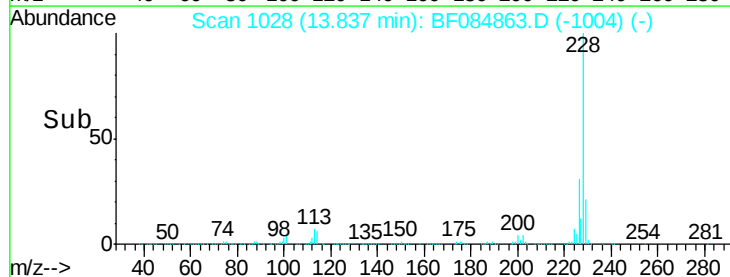
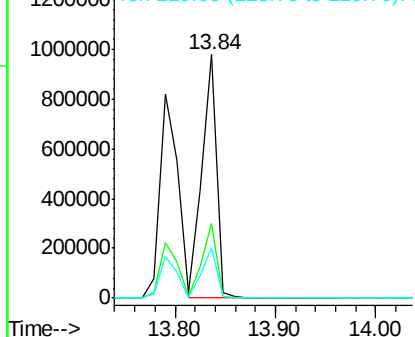


#82
 Chrysene
 Concen: 43.70 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF084863.D
 Acq: 5 Feb 2016 16:51

Tgt Ion:228 Resp: 992674
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.3 36.5
 229 20.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.86 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

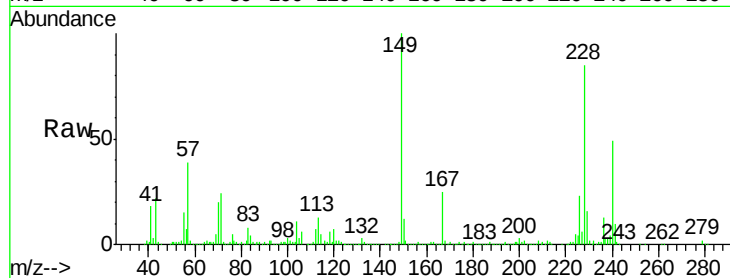
Tgt Ion:149 Resp: 715569

Ion Ratio Lower Upper

149 100

167 25.0 19.7 29.5

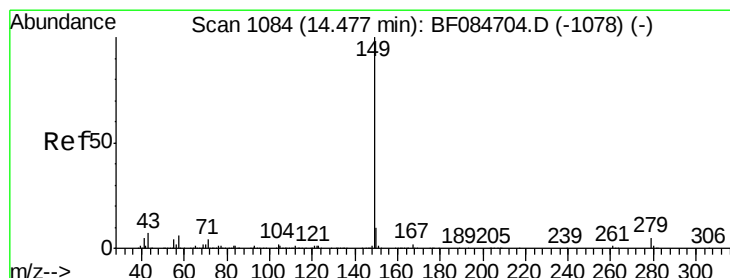
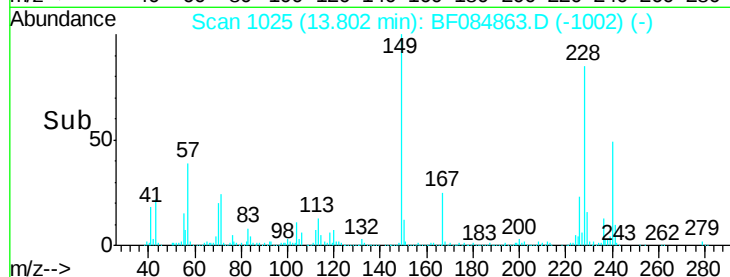
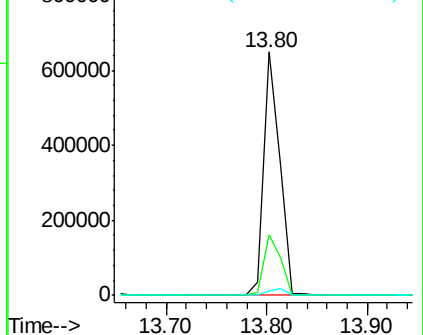
279 2.0 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.74 ng

RT: 14.42 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

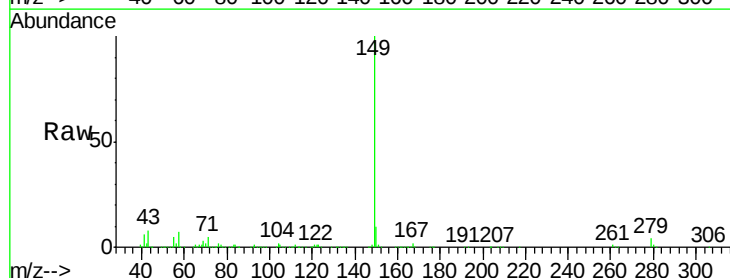
Tgt Ion:149 Resp: 1177448

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

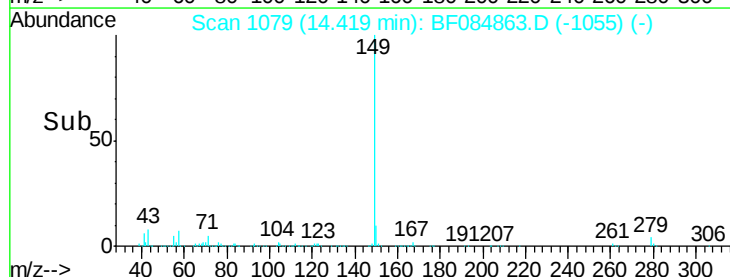
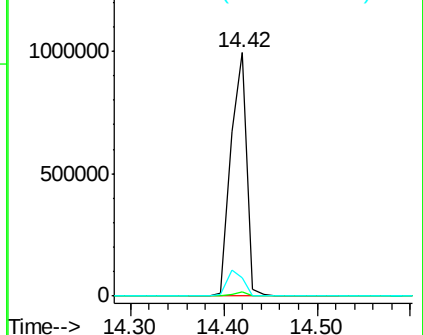
43 10.9 5.6 8.4#

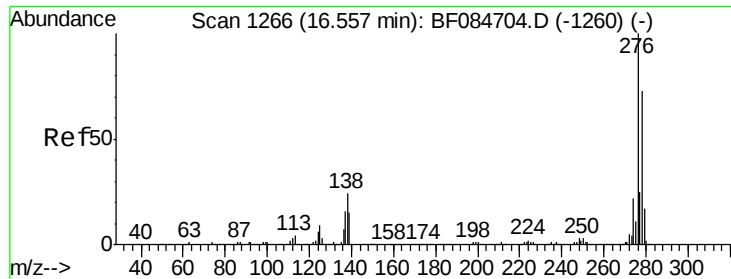


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.56 ng

RT: 16.44 min Scan# 1256

Delta R.T. -0.06 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

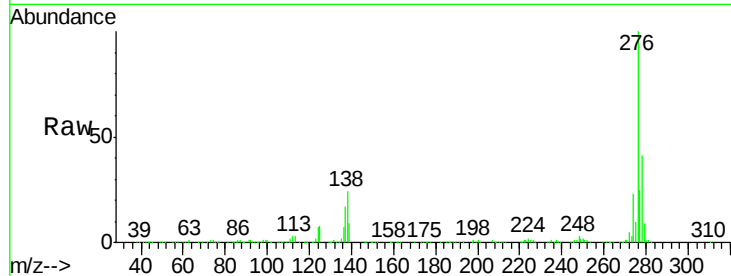
Tgt Ion:276 Resp: 796860

Ion Ratio Lower Upper

276 100

138 24.9 20.6 30.8

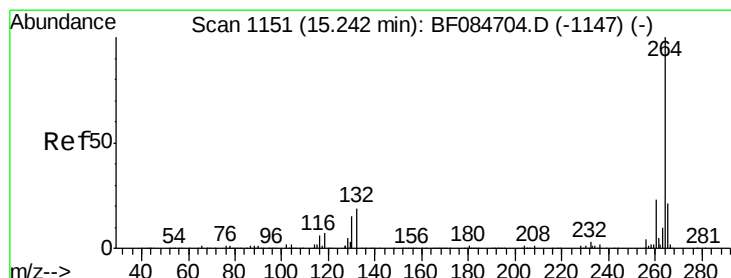
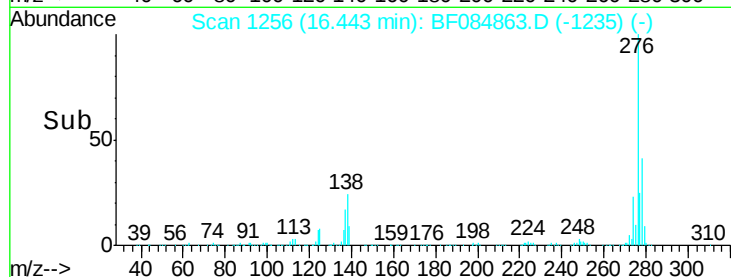
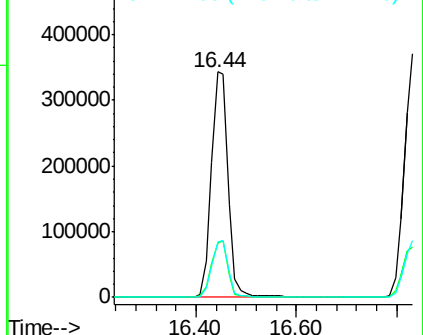
277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

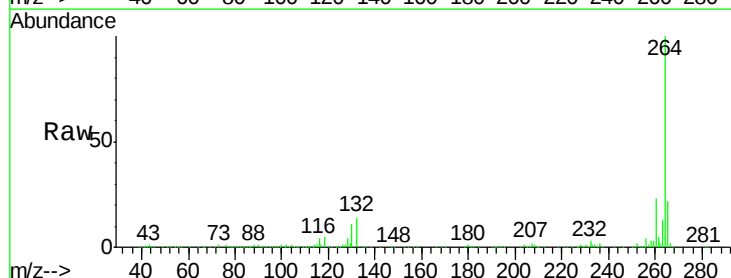
Tgt Ion:264 Resp: 322105

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

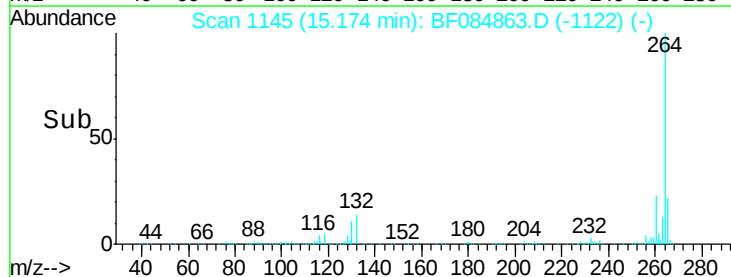
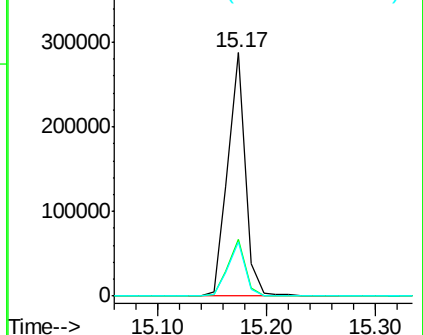
265 22.2 17.8 26.6

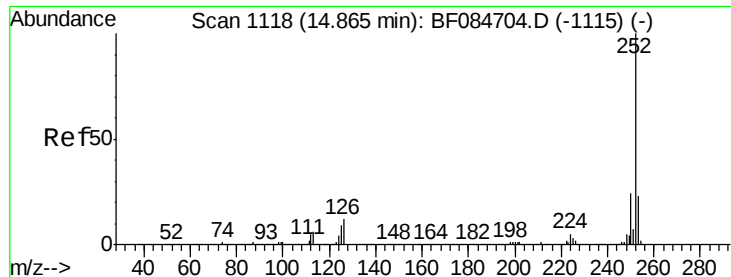


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 70.96 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

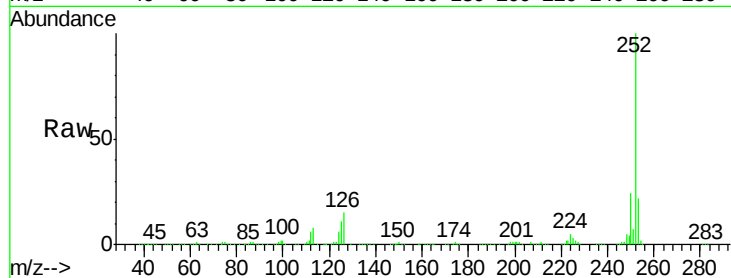
Tgt Ion:252 Resp: 1535740

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

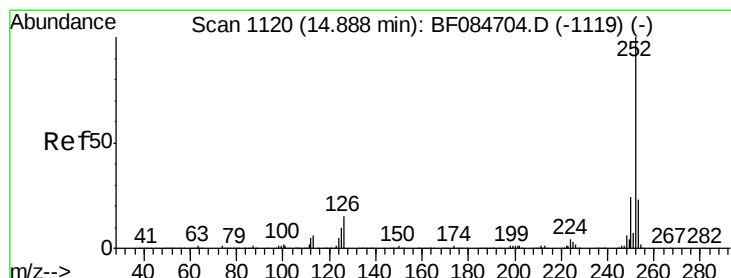
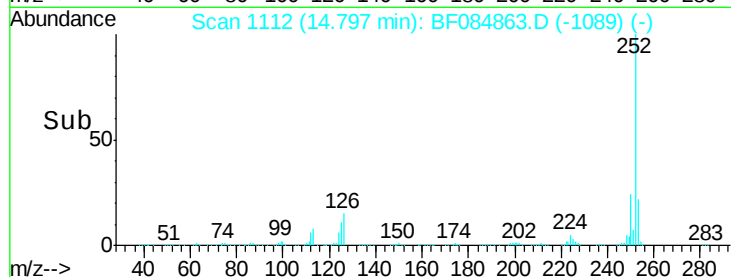
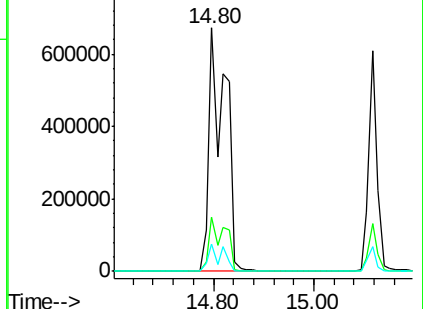
125 11.0 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 85.82 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

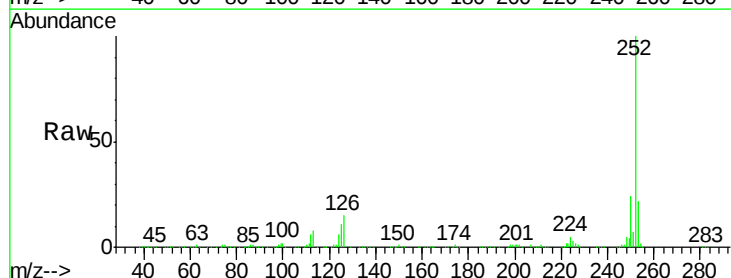
Tgt Ion:252 Resp: 1535740

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

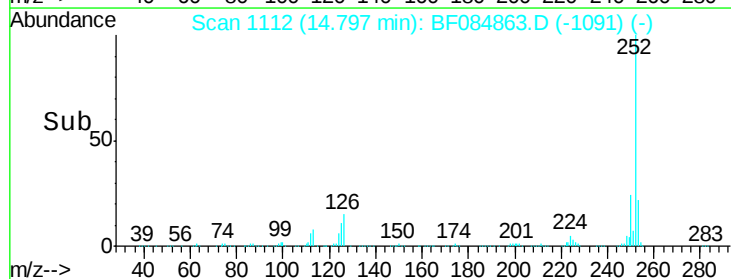
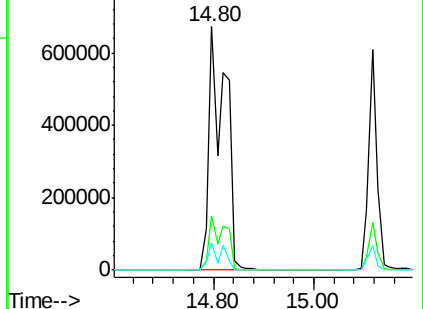
125 11.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.66 ng

RT: 15.12 min Scan# 1140

Delta R.T. -0.03 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS

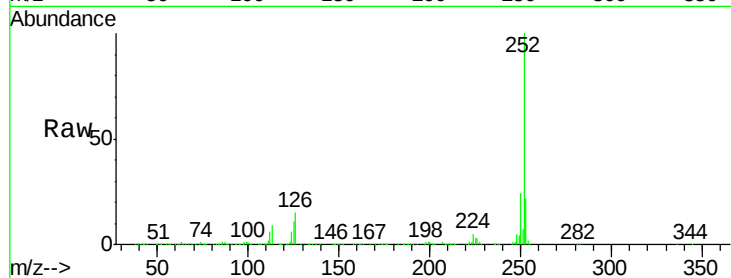
Tgt Ion:252 Resp: 712937

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

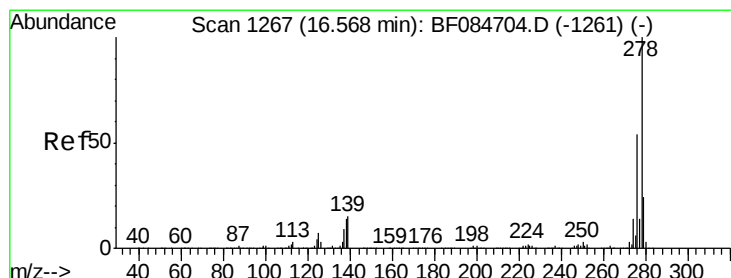
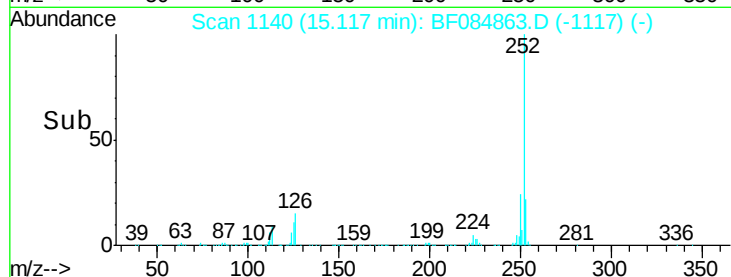
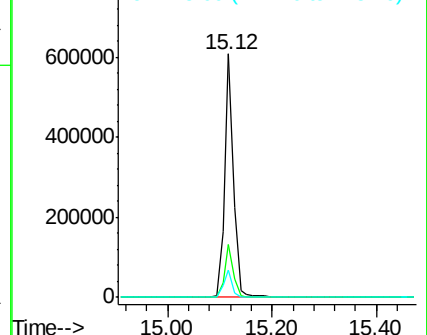
125 11.4 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.14 ng

RT: 16.45 min Scan# 1257

Delta R.T. -0.06 min

Lab File: BF084863.D

Acq: 5 Feb 2016 16:51

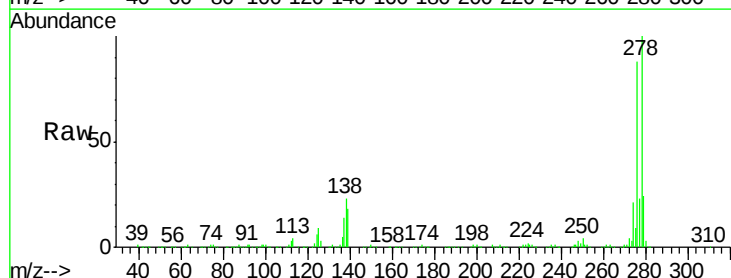
Tgt Ion:278 Resp: 669707

Ion Ratio Lower Upper

278 100

139 17.7 15.0 22.4

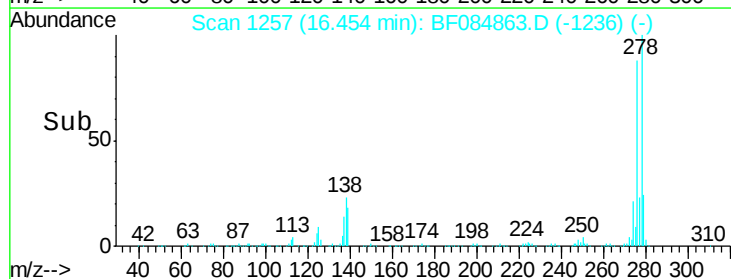
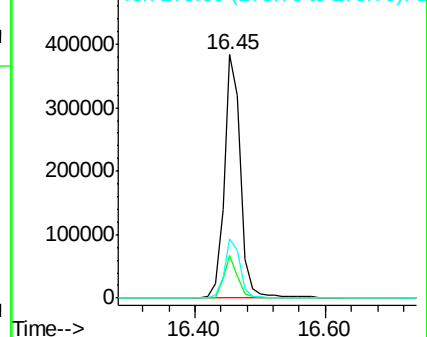
279 24.1 18.9 28.3

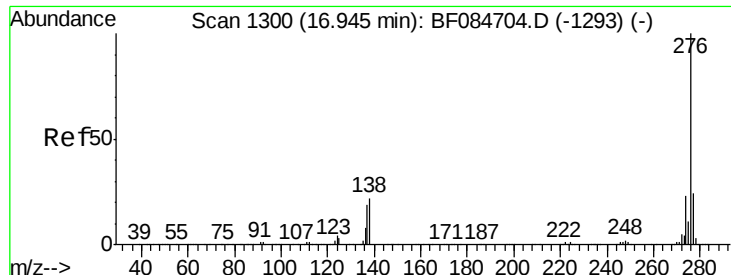


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.95 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF084863.D

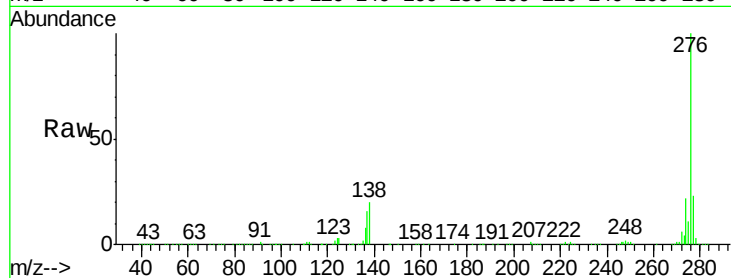
Acq: 5 Feb 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)MS



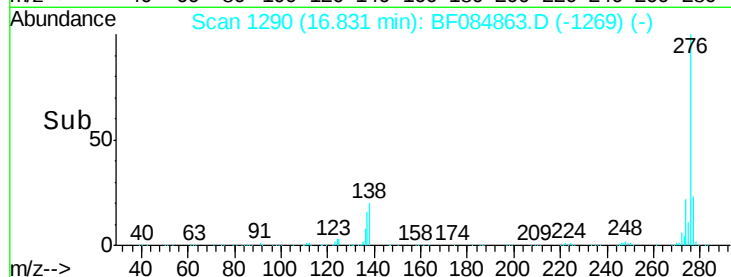
Tgt Ion: 276 Resp: 687283

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 20.4 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

16.83

400000

300000

200000

100000

0

16.80 17.00

Time-->