

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081748.D
 Acq On : 22 Sep 2015 20:02
 Operator : UM/IZ
 Sample : G3753-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Quant Time: Sep 23 00:59:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:42:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38469	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	146977	20.00	ng	-0.01
38) Acenaphthene-d10	15.17	164	65785	20.00	ng	0.00
63) Phenanthrene-d10	18.67	188	118766	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	74189	20.00	ng	0.00
86) Perylene-d12	24.77	264	66194	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	294529	118.79	ng	0.03
7) Phenol-d6	7.59	99	407836	124.27	ng	0.01
23) Nitrobenzene-d5	9.45	82	279497	91.75	ng	0.00
41) 2,4,6-Tribromophenol	17.08	330	79371	135.50	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	482125	93.92	ng	-0.01
78) Terphenyl-d14	22.05	244	310538	97.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.52	88	45705	41.04	ng	# 11
3) Pyridine	2.16	79	6972	2.27	ng	# 74
4) n-Nitrosodimethylamine	2.05	42	70716	41.46	ng	# 57
6) Aniline	7.45	93	63138	13.62	ng	# 83
8) 2-Chlorophenol	7.69	128	100549	36.80	ng	# 79
9) Benzaldehyde	7.17	77	34753	16.90	ng	# 77
10) Phenol	7.61	94	131261	34.49	ng	# 55
11) bis(2-Chloroethyl)ether	7.67	93	105521	38.43	ng	# 84
12) 1,3-Dichlorobenzene	7.99	146	99080	33.94	ng	# 88
13) 1,4-Dichlorobenzene	8.17	146	102219	34.39	ng	# 89
14) 1,2-Dichlorobenzene	8.49	146	99090	37.03	ng	# 89
15) Benzyl Alcohol	8.60	79	100004	37.14	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	8.90	45	206478	39.23	ng	95
17) 2-Methylphenol	8.95	107	78807	36.15	ng	# 76
18) Hexachloroethane	9.22	117	40187	34.75	ng	89
19) n-Nitroso-di-n-propylamine	9.21	70	83531	37.40	ng	# 89
20) 3+4-Methylphenols	9.33	107	106241	36.14	ng	82
22) Acetophenone	9.13	105	151422	37.72	ng	# 75
24) Nitrobenzene	9.49	77	126223	39.90	ng	# 63
25) Isophorone	10.08	82	213670	37.71	ng	# 84
26) 2-Nitrophenol	10.22	139	48870	35.44	ng	# 30
27) 2,4-Dimethylphenol	10.50	122	87400	36.70	ng	# 75
28) bis(2-Chloroethoxy)methane	10.68	93	124918	38.17	ng	# 91
29) 2,4-Dichlorophenol	10.86	162	77549	37.55	ng	90
30) 1,2,4-Trichlorobenzene	10.95	180	85617	38.16	ng	98
31) Naphthalene	11.09	128	296803	37.86	ng	99
32) Benzoic acid	11.08	122	2122	3.72	ng	# 1
33) 4-Chloroaniline	11.35	127	49737	15.56	ng	# 82
34) Hexachlorobutadiene	11.44	225	56643	41.49	ng	96
35) Caprolactam	12.25	113	10664	16.84	ng	# 19
36) 4-Chloro-3-methylphenol	12.66	107	94732	40.98	ng	# 74
37) 2-Methylnaphthalene	12.73	142	197961	38.81	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	84250	40.50	ng	98
40) Hexachlorocyclopentadiene	13.12	237	39942	39.12	ng	96

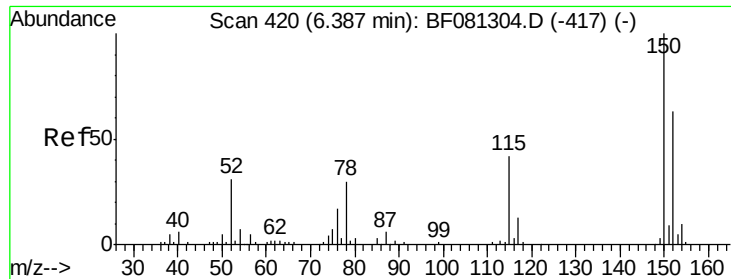
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	54122	37.69	nq	99
43) 2,4,5-Trichlorophenol	13.63	196	55230	37.70	nq	# 86
45) 1,1'-Biphenyl	13.89	154	235429	38.90	nq	95
46) 2-Chloronaphthalene	13.87	162	173289	39.65	nq	# 88
47) 2-Nitroaniline	14.23	65	71802	40.31	nq	# 61
48) Acenaphthylene	14.83	152	287729	37.11	nq	98
49) Dimethylphthalate	14.77	163	304512	59.58	nq	# 97
50) 2,6-Dinitrotoluene	14.86	165	41649	35.90	nq	# 16
51) Acenaphthene	15.25	154	164876	37.38	nq	89
52) 3-Nitroaniline	15.24	138	31692	24.00	nq	# 58
53) 2,4-Dinitrophenol	15.53	184	27990	50.02	nq	# 30
54) Dibenzofuran	15.67	168	252987	39.28	nq	# 86
55) 4-Nitrophenol	15.88	139	45139	54.41	nq	# 1
56) 2,4-Dinitrotoluene	15.82	165	55638	37.67	nq	# 58
57) Fluorene	16.48	166	196558	40.21	nq	93
58) 2,3,4,6-Tetrachlorophenol	16.05	232	44926	40.17	nq	94
59) Diethylphthalate	16.46	149	225583	41.96	nq	96
60) 4-Chlorophenyl-phenylether	16.57	204	95419	41.88	nq	# 90
61) 4-Nitroaniline	16.69	138	32225	24.15	nq	# 1
62) Azobenzene	16.94	77	244112	40.84	nq	81
64) 4,6-Dinitro-2-methylphenol	16.78	198	20149	30.33	nq	# 65
65) n-Nitrosodiphenylamine	16.89	169	166021	38.42	nq	93
66) 4-Bromophenyl-phenylether	17.72	248	51486	42.87	nq	95
67) Hexachlorobenzene	17.76	284	49476	39.40	nq	# 84
68) Atrazine	18.31	200	53235	42.57	nq	79
69) Pentachlorophenol	18.32	266	30620	53.36	nq	96
70) Phenanthrene	18.72	178	254788	38.59	nq	97
71) Anthracene	18.85	178	249532	36.79	nq	99
72) Carbazole	19.33	167	213896	33.60	nq	96
73) Di-n-butylphthalate	20.38	149	308147	40.99	nq	# 97
74) Fluoranthene	21.36	202	236341	33.07	nq	87
77) Pyrene	21.72	202	233989	42.58	nq	99
79) Butylbenzylphthalate	22.75	149	96931	40.56	nq	# 75
80) Benzo(a)anthracene	23.32	228	175656	37.18	nq	98
81) 3,3'-Dichlorobenzidine	23.34	252	7250	4.55	nq	92
82) Chrysene	23.36	228	171186	40.42	nq	95
83) Bis(2-ethylhexyl)phthalate	23.44	149	128117	40.62	nq	# 91
84) Di-n-octyl phthalate	24.11	149	207629	39.98	nq	97
85) Indeno(1,2,3-cd)pyrene	25.81	276	160719	51.72	nq	# 83
87) Benzo(b)fluoranthene	24.43	252	315769	66.82	nq	# 88
88) Benzo(k)fluoranthene	24.43	252	315769	80.53	nq	# 88
89) Benzo(a)pyrene	24.72	252	161891	40.43	nq	# 84
90) Dibenzo(a,h)anthracene	25.81	278	133199	43.05	nq	# 81
91) Benzo(g,h,i)perylene	26.11	276	126091	42.69	nq	# 70

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

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SP-1MS

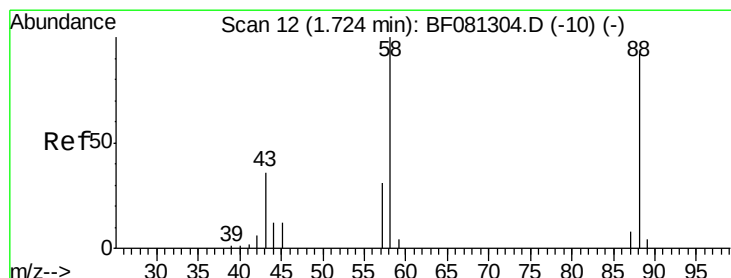
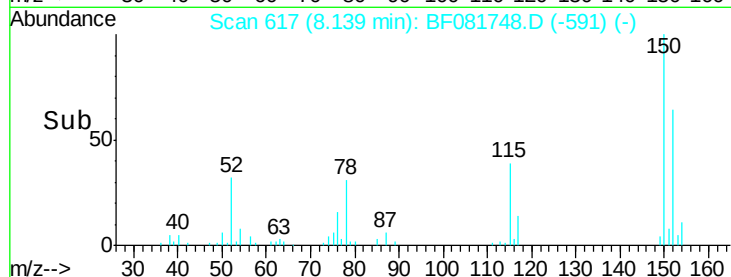
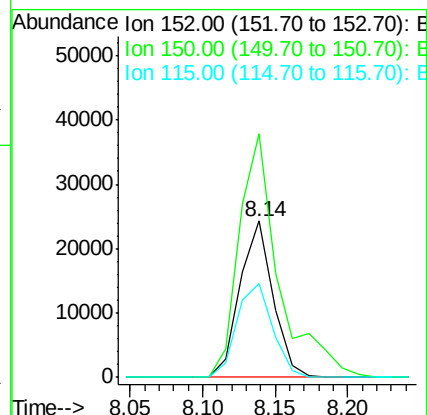
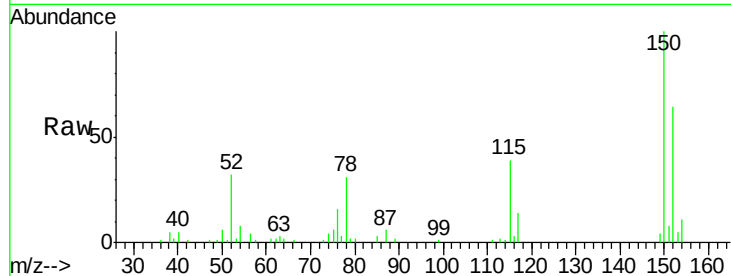
Tot Ion:152 Resp: 38469

Ion Ratio Lower Upper

152 100

150 155.6 124.7 187.1

115 60.2 39.0 58.4#



#2

1,4-Dioxane

Concen: 41.04 ng

RT: 1.52 min Scan# 38

Delta R.T. 0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

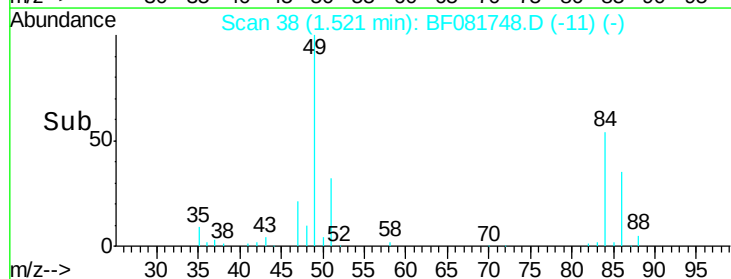
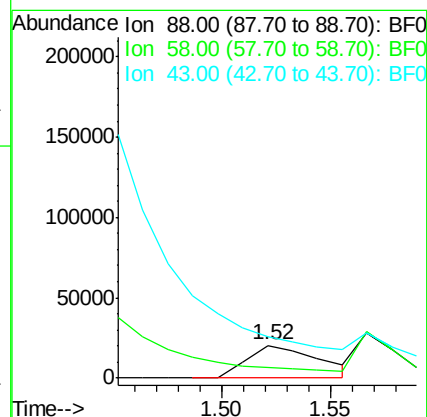
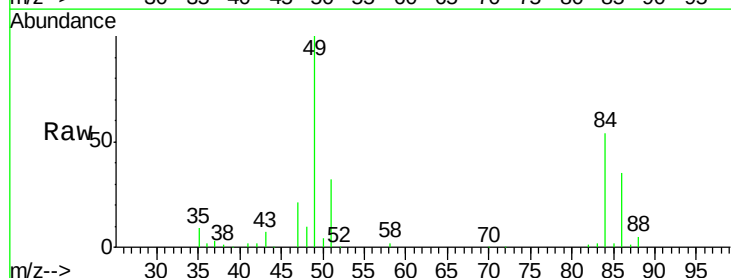
Tgt Ion: 88 Resp: 45705

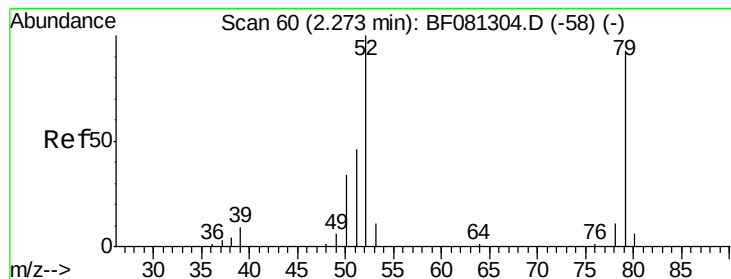
Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

43 0.0 26.6 40.0#





#3

Pvridine

Concen: 2.27 ng

RT: 2.16 min Scan# 94

Delta R.T. 0.15 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

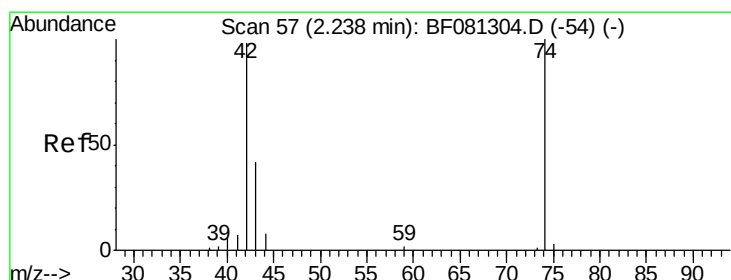
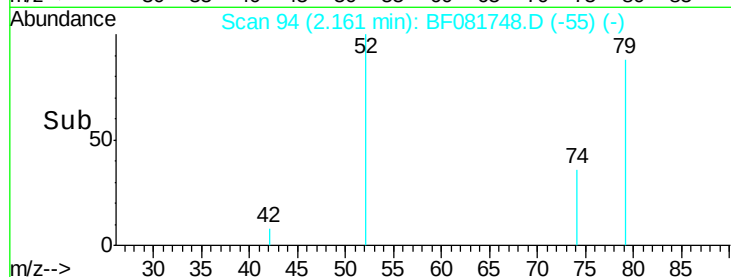
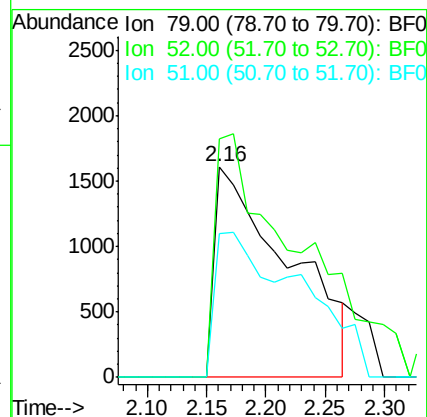
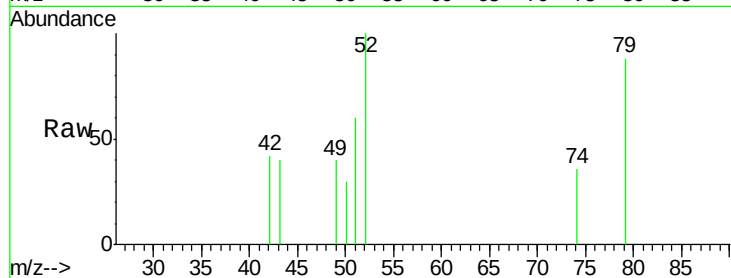
Tot Ion: 79 Resp: 6972

Ion Ratio Lower Upper

79 100

52 113.1 76.8 115.2

51 68.1 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 41.46 ng

RT: 2.05 min Scan# 84

Delta R.T. 0.05 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

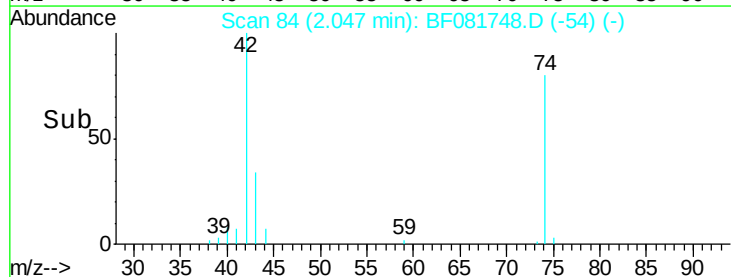
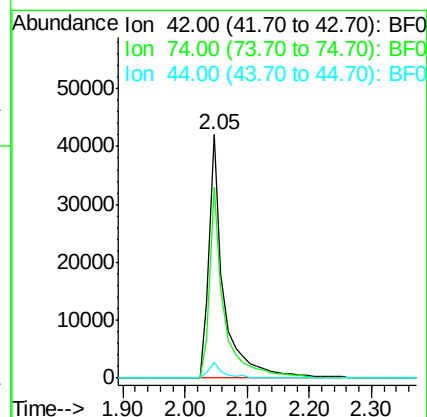
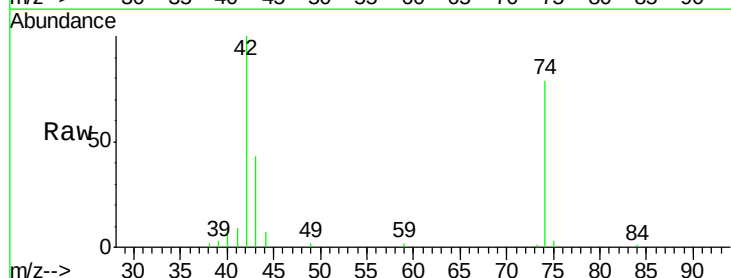
Tgt Ion: 42 Resp: 70716

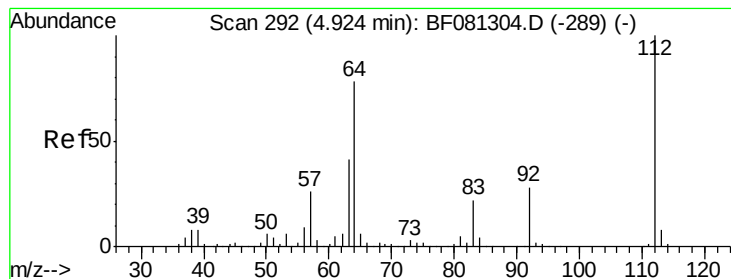
Ion Ratio Lower Upper

42 100

74 78.7 105.0 157.6#

44 6.7 6.6 10.0





#5

2-Fluorophenol

Concen: 118.79 ng

RT: 5.32 min Scan# 370

Delta R.T. 0.03 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

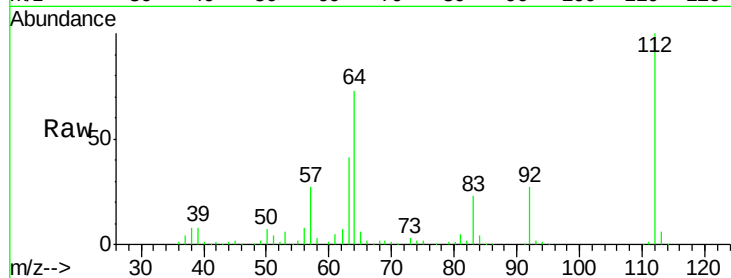
Tot Ion:112 Resp: 294529

Ion Ratio Lower Upper

112 100

64 72.8 39.7 59.5#

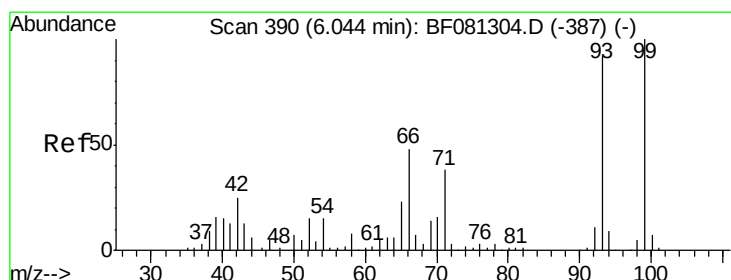
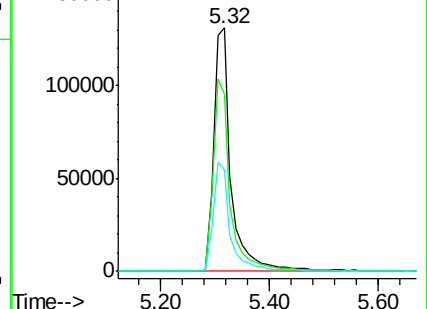
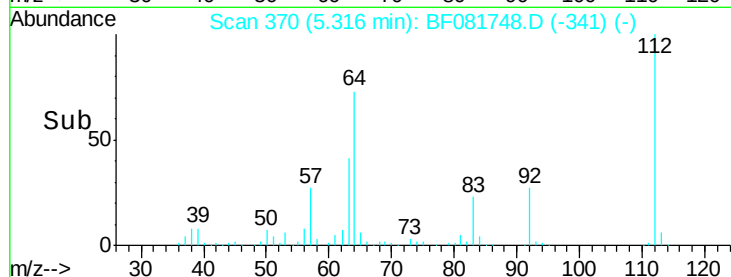
63 41.5 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.62 ng

RT: 7.45 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

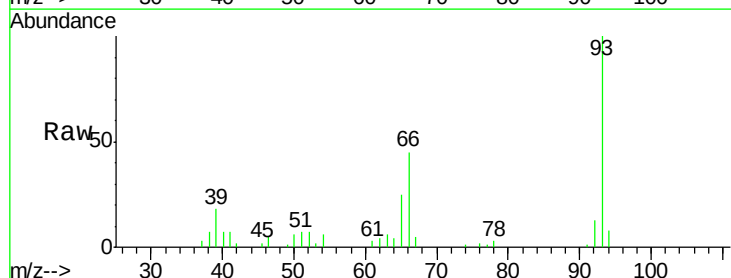
Tgt Ion: 93 Resp: 63138

Ion Ratio Lower Upper

93 100

66 45.0 27.2 40.8#

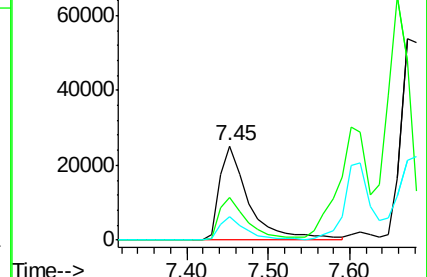
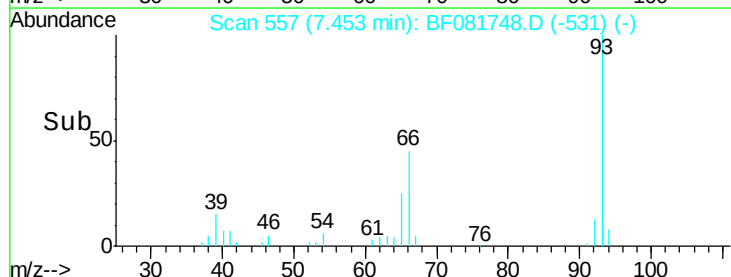
65 24.7 14.7 22.1#

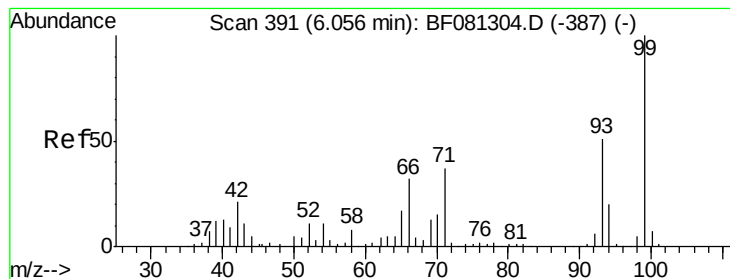


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.27 ng

RT: 7.59 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

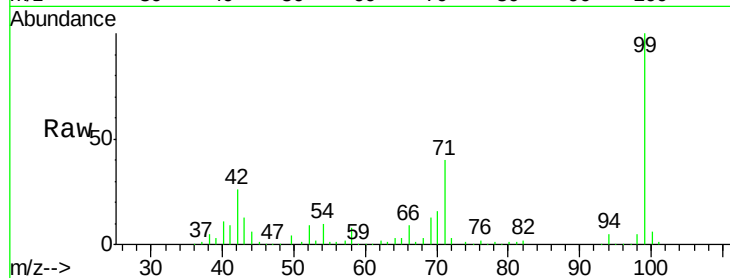
Tot Ion: 99 Resp: 407836

Ion Ratio Lower Upper

99 100

42 25.7 13.7 20.5#

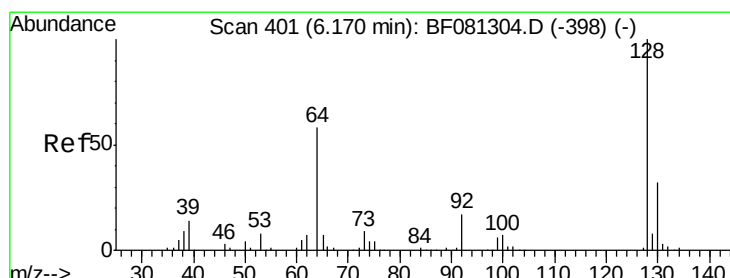
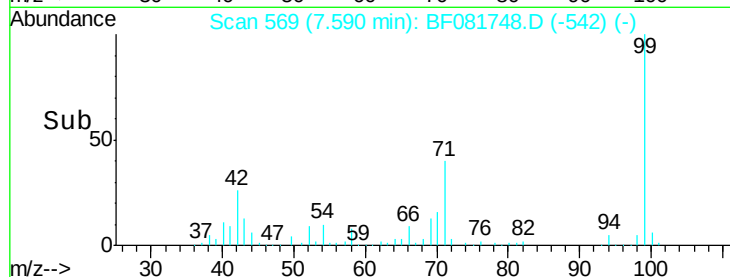
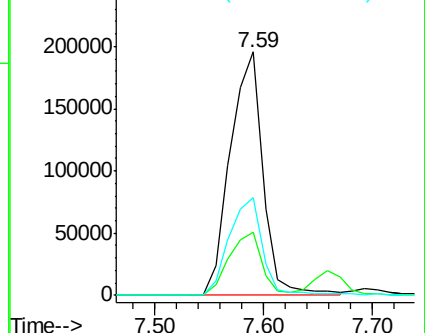
71 40.4 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.80 ng

RT: 7.69 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

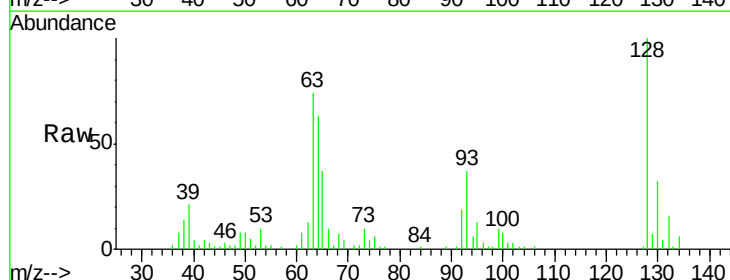
Tgt Ion:128 Resp: 100549

Ion Ratio Lower Upper

128 100

130 31.9 12.2 52.2

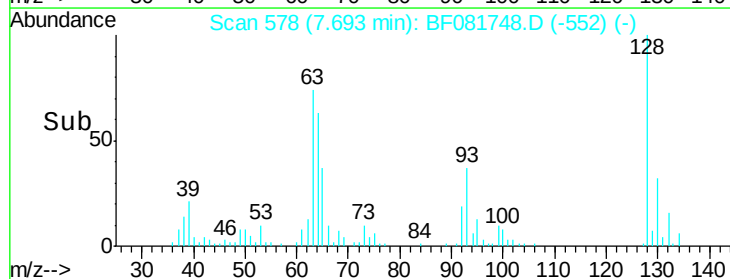
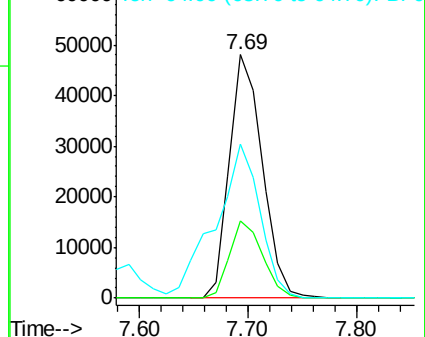
64 63.2 20.5 60.5#

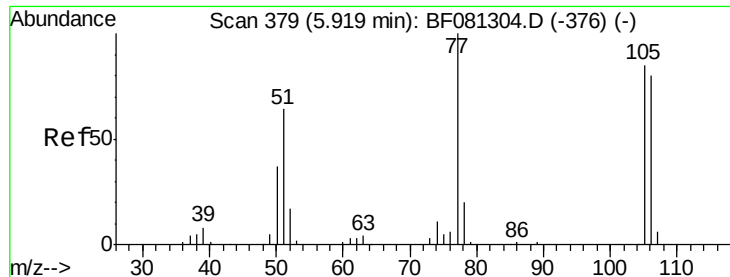


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.90 ng

RT: 7.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

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ClientSampleId :

SP-1MS

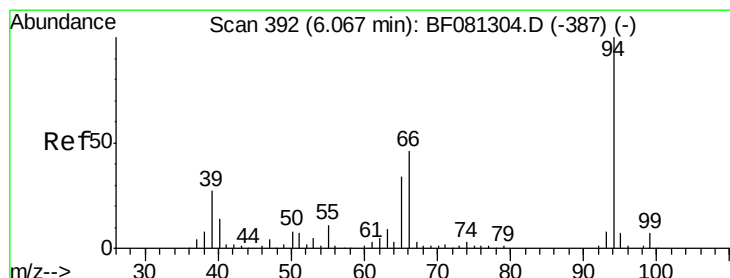
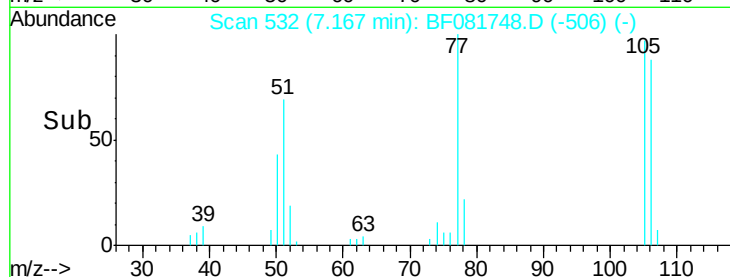
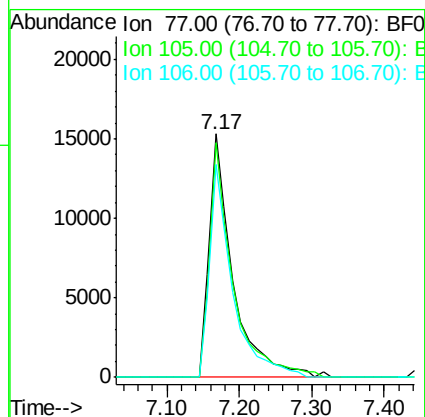
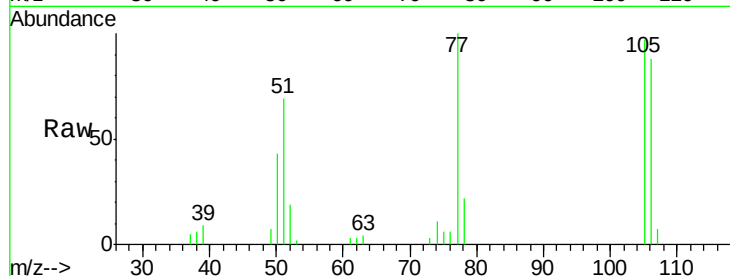
Tot Ion: 77 Resp: 34753

Ion Ratio Lower Upper

77 100

105 96.6 91.6 131.6

106 87.5 102.6 142.6#



#10

Phenol

Concen: 34.49 ng

RT: 7.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

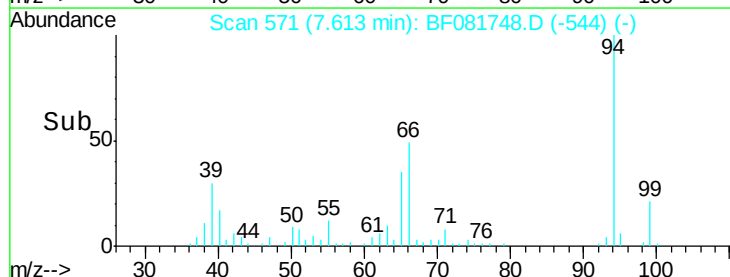
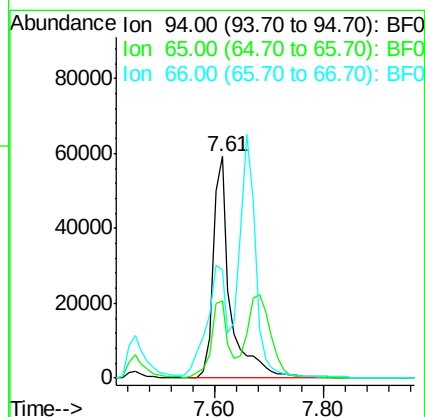
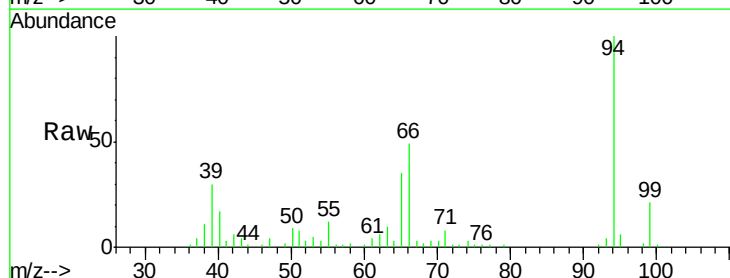
Tgt Ion: 94 Resp: 131261

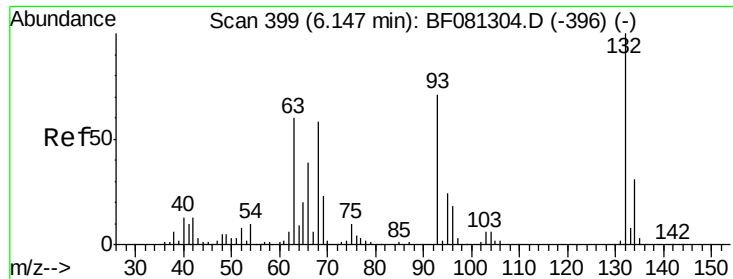
Ion Ratio Lower Upper

94 100

65 35.0 0.7 40.7

66 48.5 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 38.43 ng

RT: 7.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

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SP-1MS

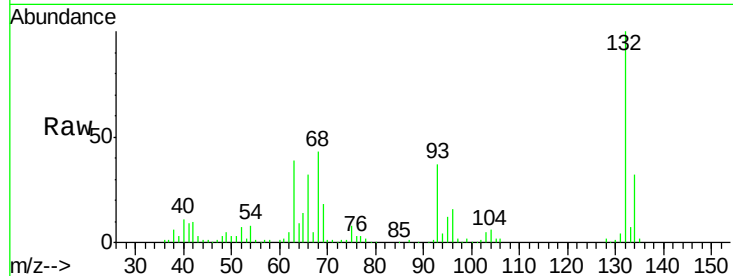
Tot Ion: 93 Resp: 105521

Ion Ratio Lower Upper

93 100

63 106.0 65.6 105.6#

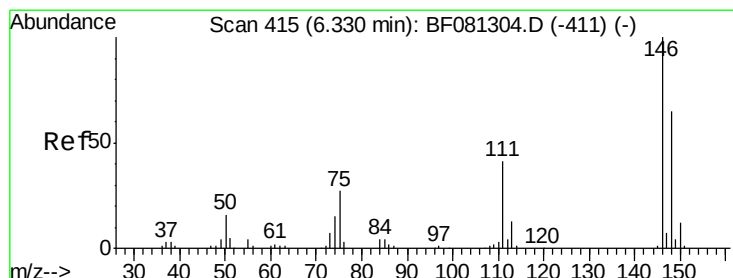
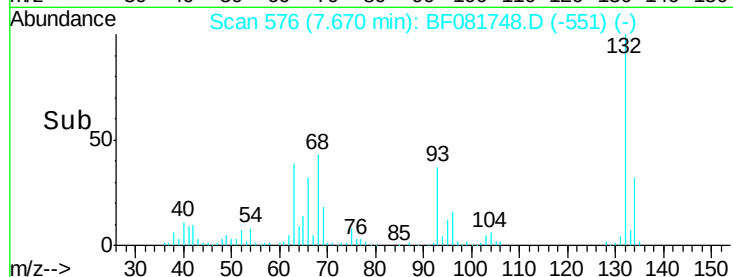
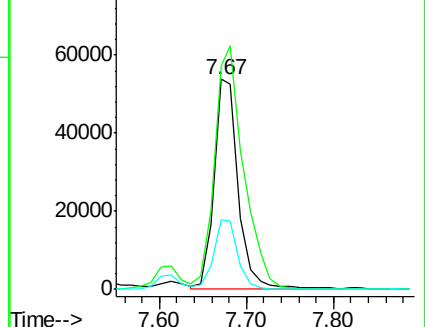
95 33.4 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.94 ng

RT: 7.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

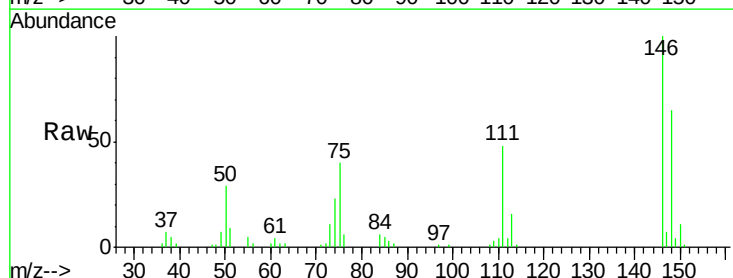
Tgt Ion: 146 Resp: 99080

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.4

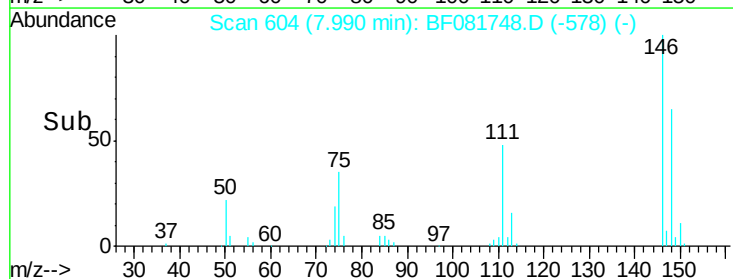
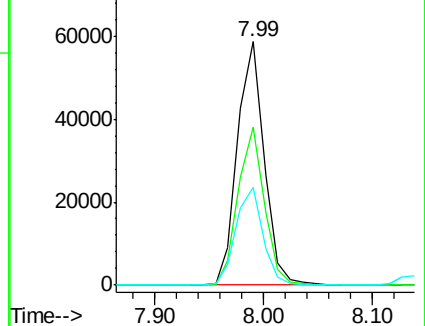
75 39.9 15.0 22.6#

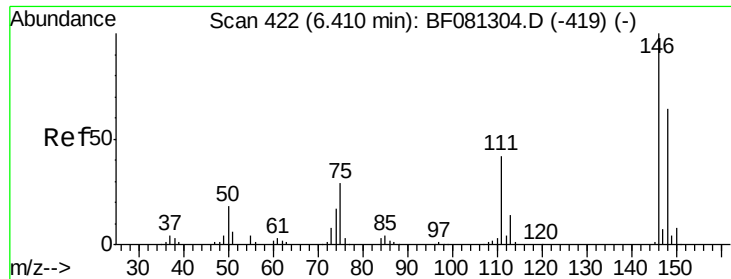


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

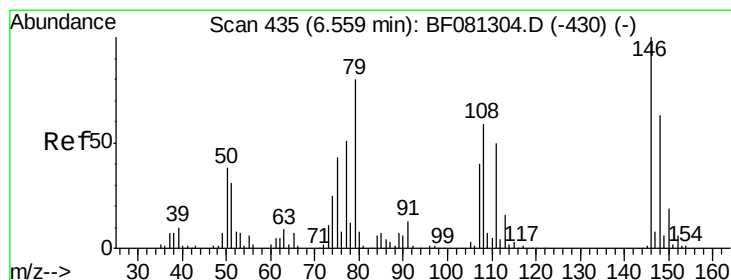
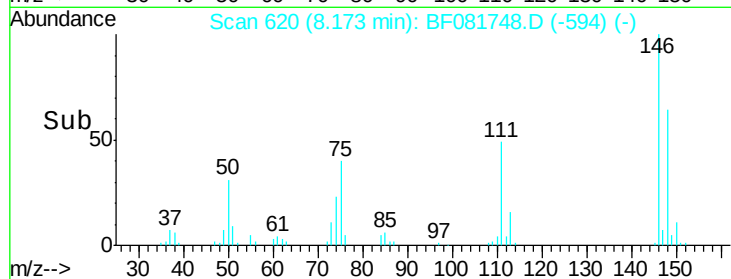
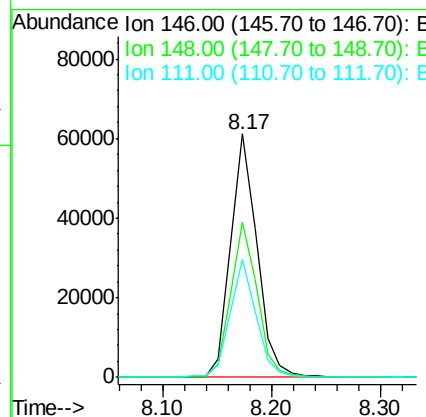
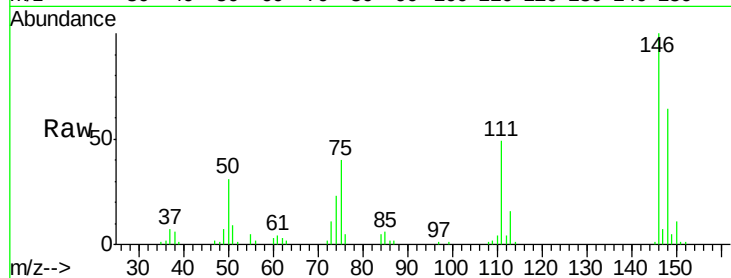




#13
 1,4-Dichlorobenzene
 Concen: 34.39 ng
 RT: 8.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

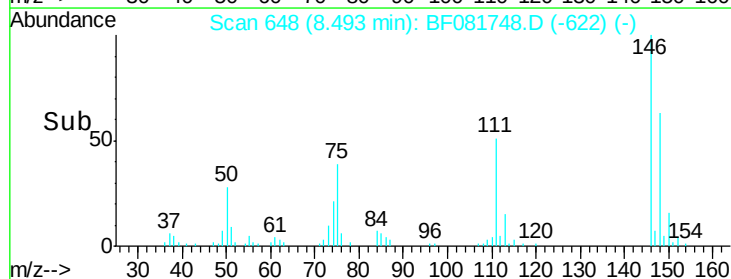
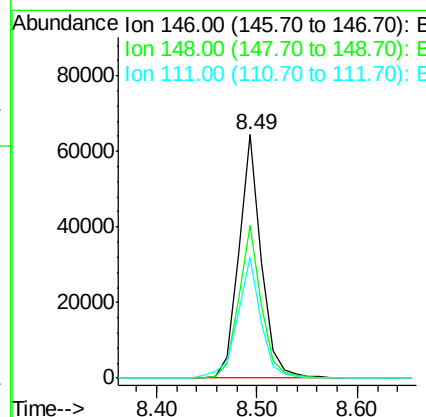
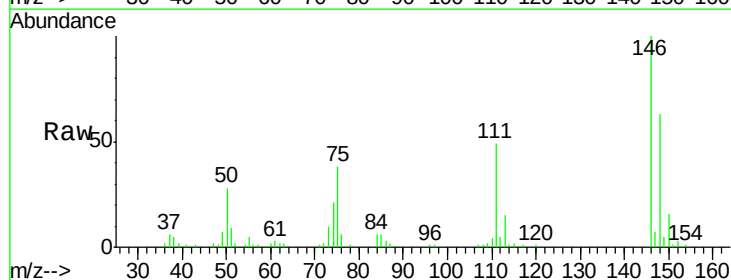
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

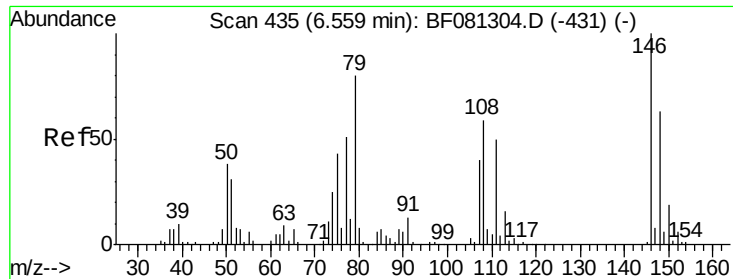
Tot Ion:146 Resp: 102219
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 111 48.6 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 37.03 ng
 RT: 8.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Tgt Ion:146 Resp: 99090
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.7 79.1
 111 49.4 28.8 43.2#

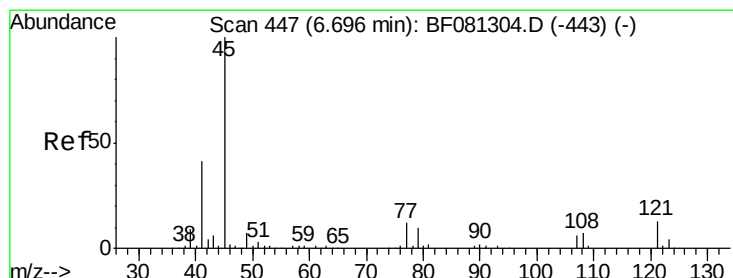
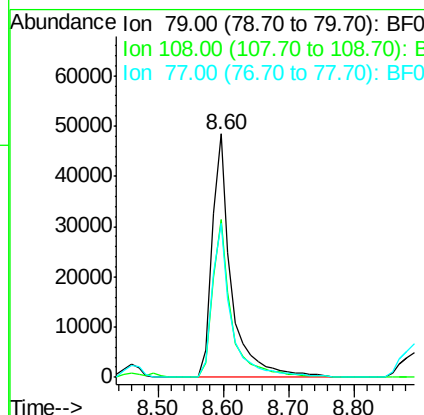
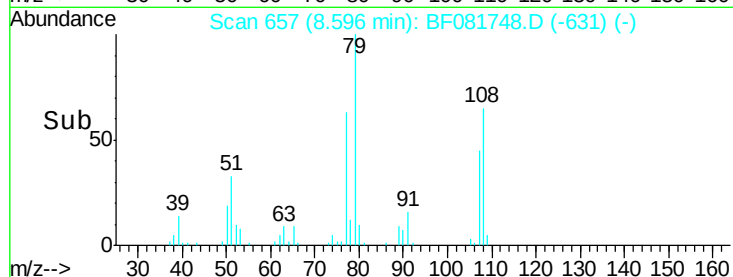
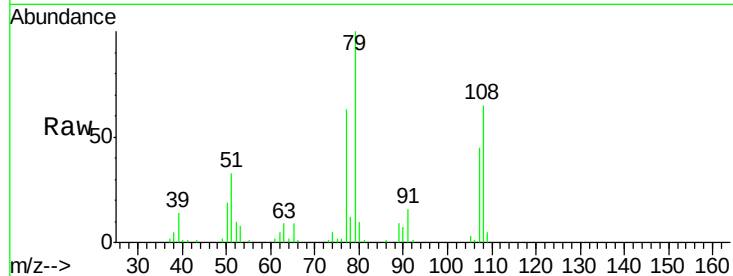




#15
Benzvl Alcohol
Concen: 37.14 ng
RT: 8.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

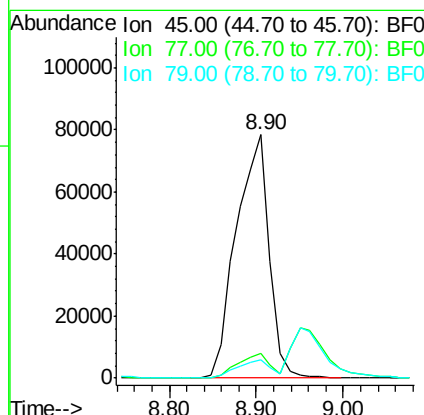
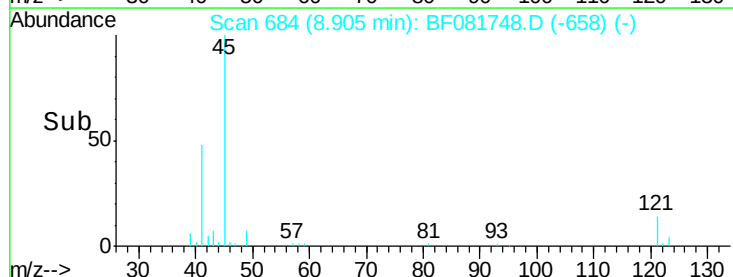
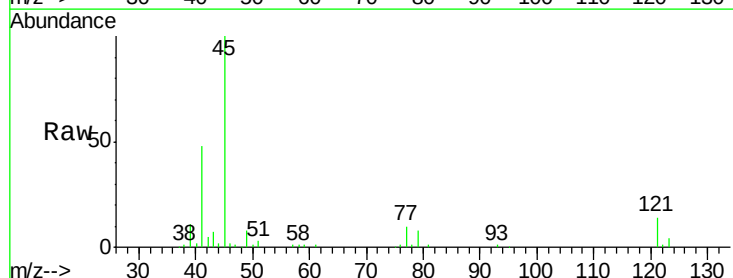
Instrument :
BNA_F
ClientSampleId :
SP-1MS

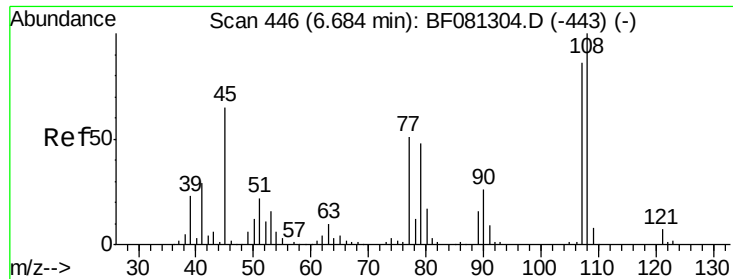
Tot Ion: 79 Resp: 100004
Ion Ratio Lower Upper
79 100
108 64.9 88.6 132.8#
77 63.0 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.23 ng
RT: 8.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

Tgt Ion: 45 Resp: 206478
Ion Ratio Lower Upper
45 100
77 10.2 0.0 28.1
79 7.7 0.0 26.0

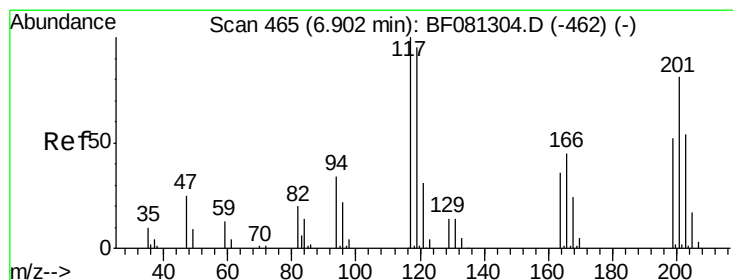
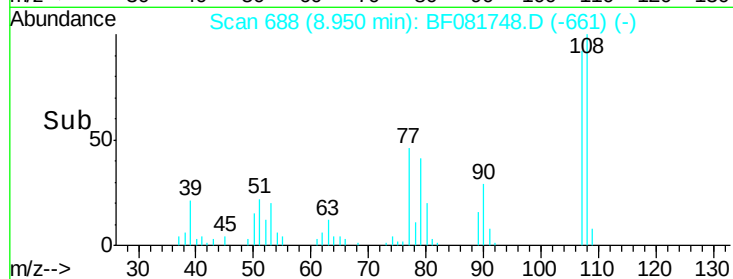
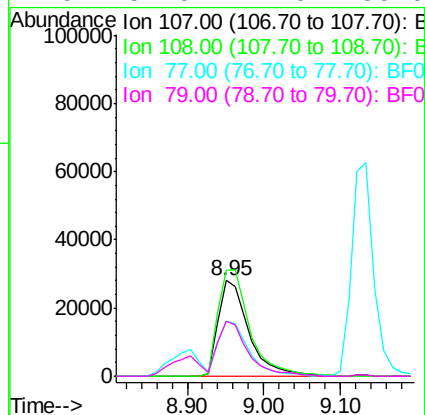
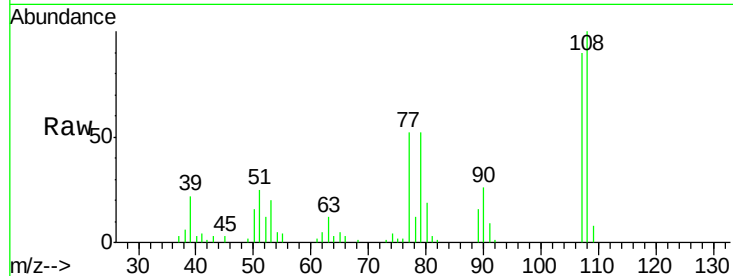




#17
2-Methylphenol
Concen: 36.15 ng
RT: 8.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

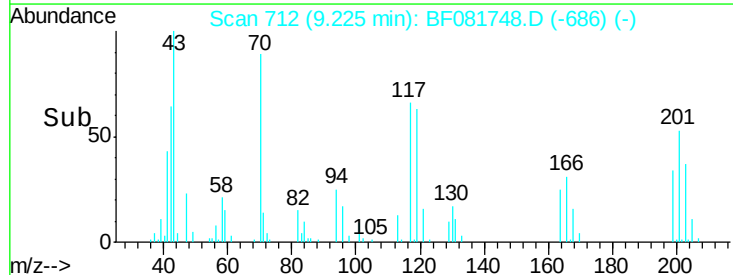
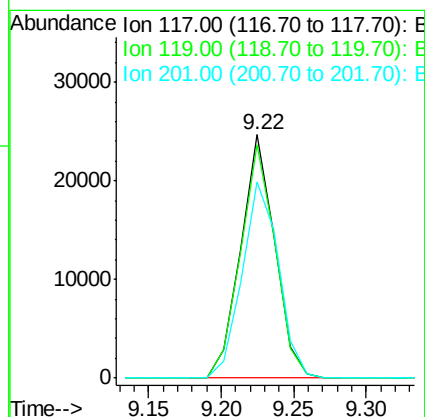
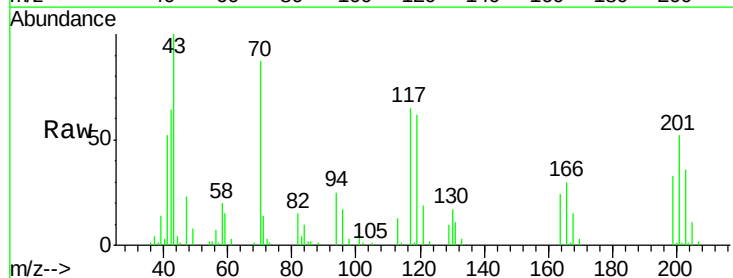
Instrument :
BNA_F
ClientSampleId :
SP-1MS

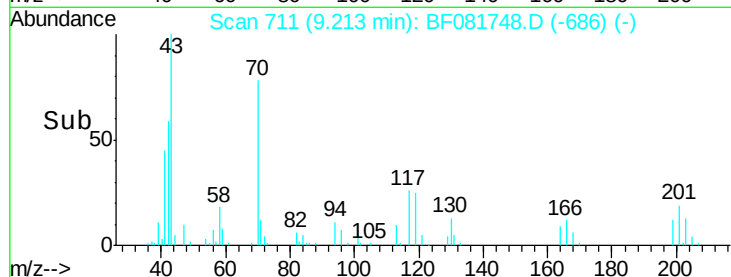
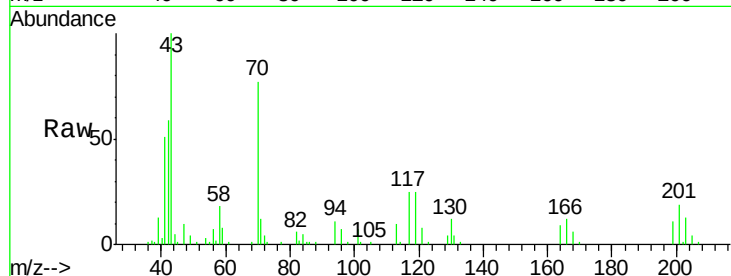
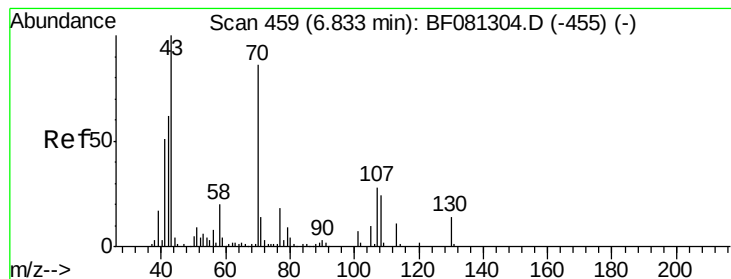
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	96.6	145.0
77	57.4	23.3	34.9
79	57.5	22.0	33.0



#18
Hexachloroethane
Concen: 34.75 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	83.8	125.6
201	80.5	55.1	82.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.40 ng

RT: 9.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tot Ion: 70 Resp: 83531

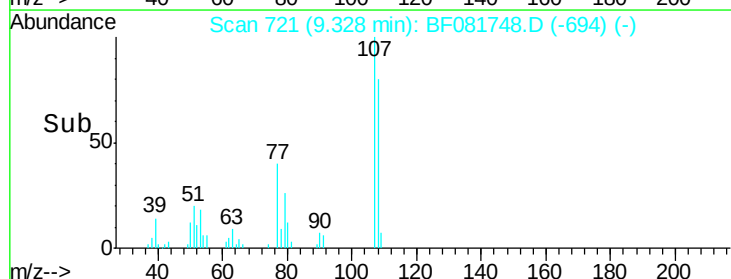
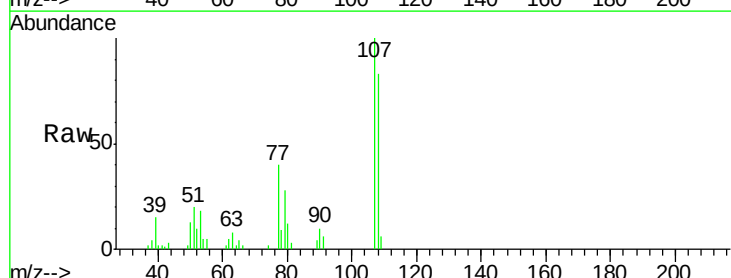
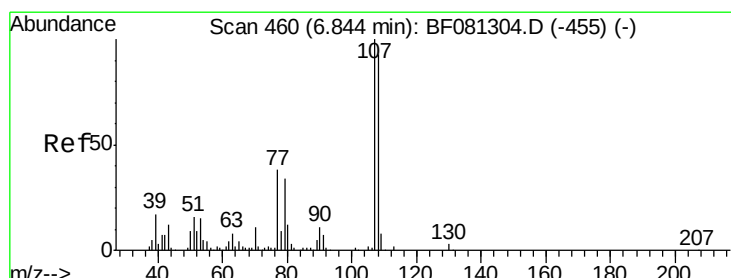
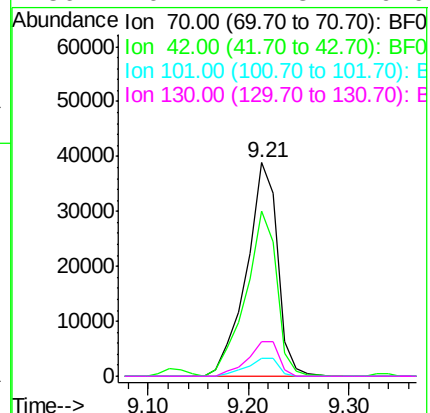
Ion Ratio Lower Upper

70 100

42 77.4 63.8 95.6

101 8.7 9.2 13.8#

130 16.1 27.3 40.9#



#20

3+4-Methylphenols

Concen: 36.14 ng

RT: 9.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Tgt Ion: 107 Resp: 106241

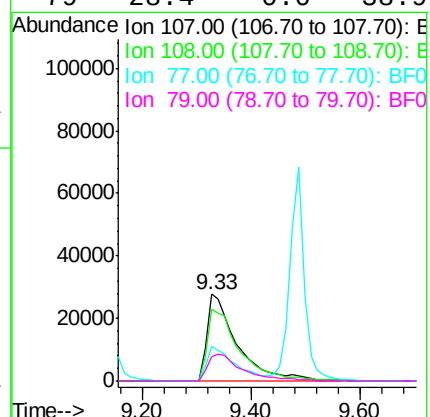
Ion Ratio Lower Upper

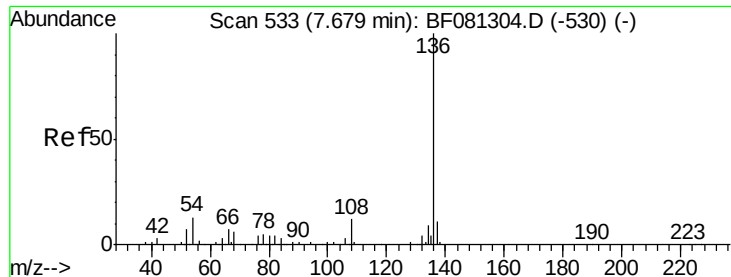
107 100

108 83.1 74.6 114.6

77 40.5 0.7 40.7

79 28.4 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tot Ion:136 Resp: 146977

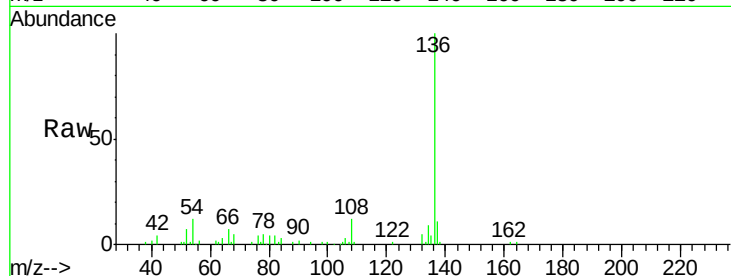
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.4 8.2 12.2#

68 4.9 5.8 8.6#

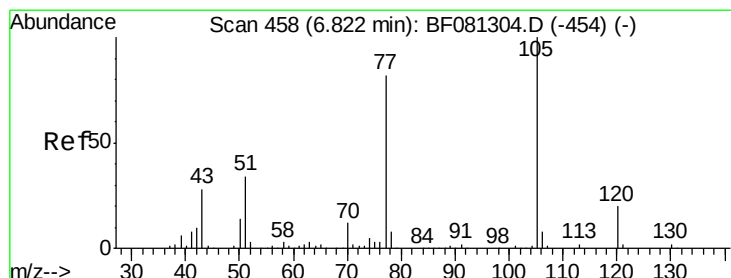
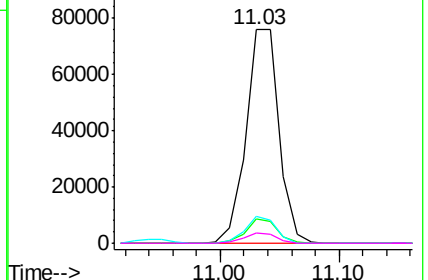
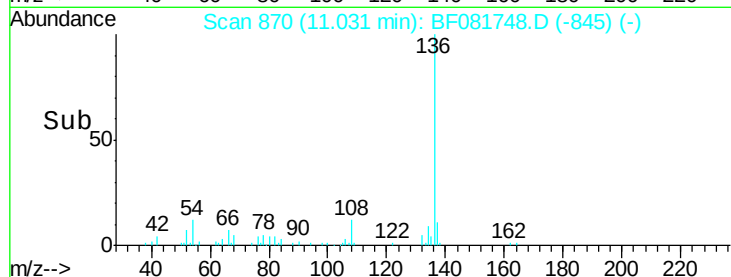


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.72 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Tgt Ion:105 Resp: 151422

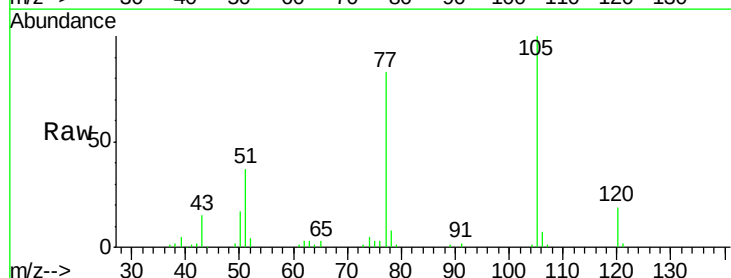
Ion Ratio Lower Upper

105 100

71 0.0 4.7 7.1#

51 37.3 22.0 33.0#

120 19.2 30.1 45.1#

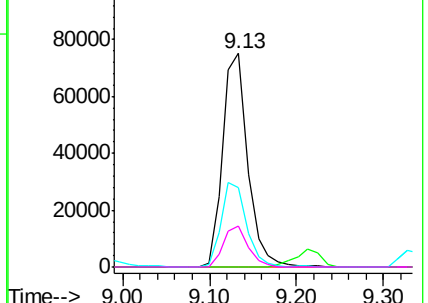
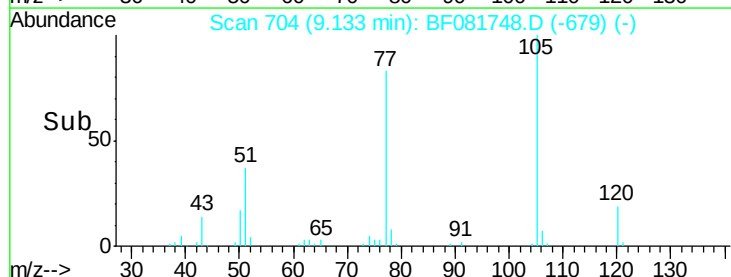


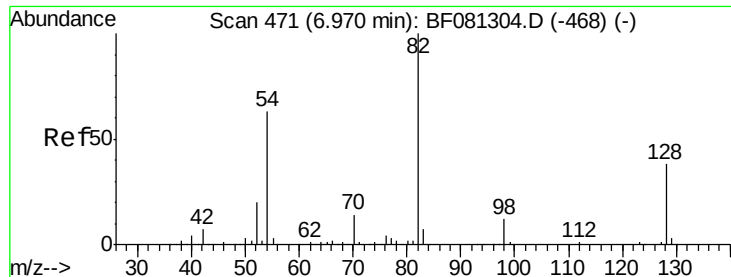
Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.75 ng

RT: 9.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

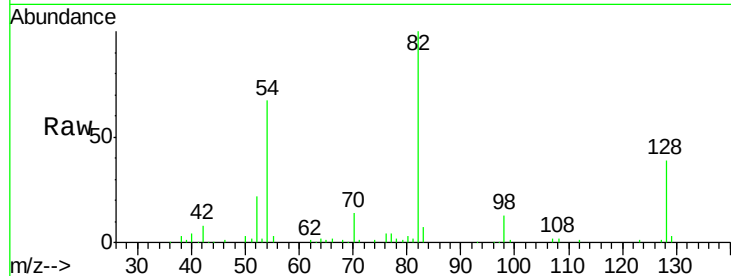
Tot Ion: 82 Resp: 279497

Ion Ratio Lower Upper

82 100

128 38.6 51.0 76.6#

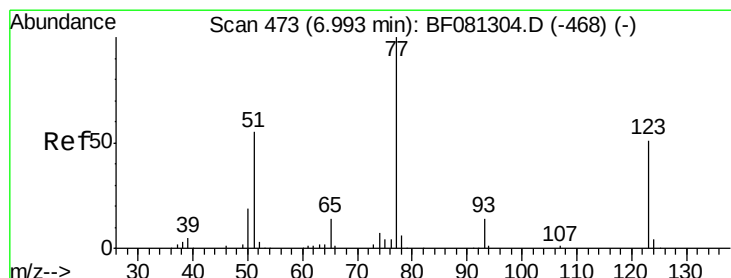
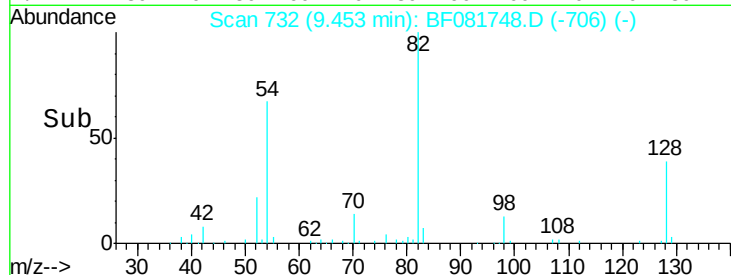
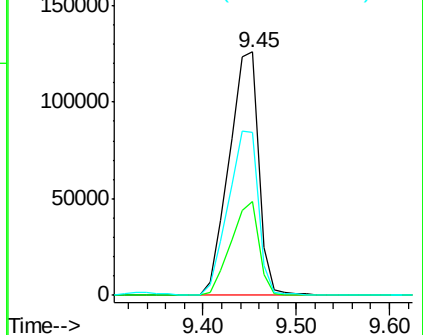
54 67.0 47.5 71.3



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: 39.90 ng

RT: 9.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

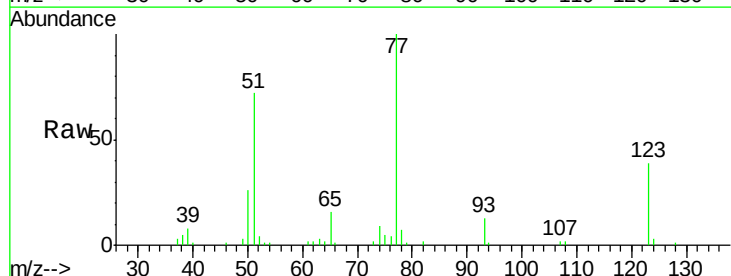
Tgt Ion: 77 Resp: 126223

Ion Ratio Lower Upper

77 100

123 39.4 59.8 89.8#

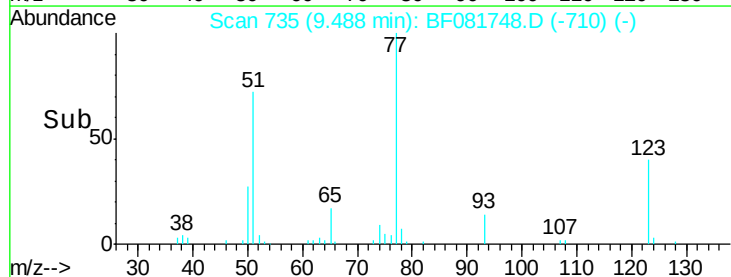
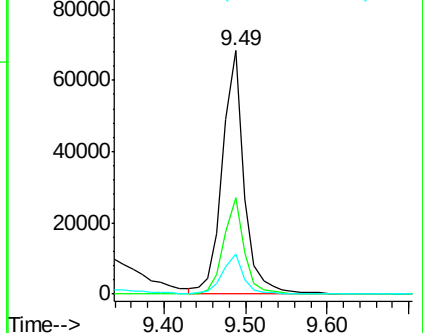
65 16.5 10.2 15.4#

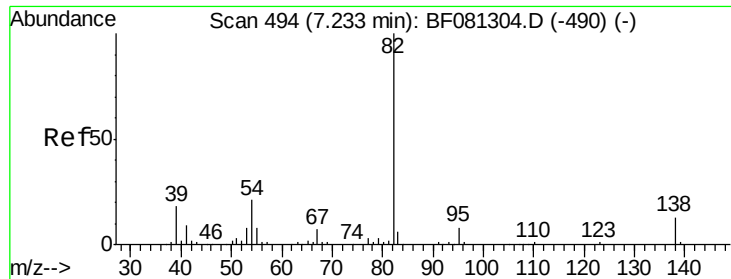


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.71 ng

RT: 10.08 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

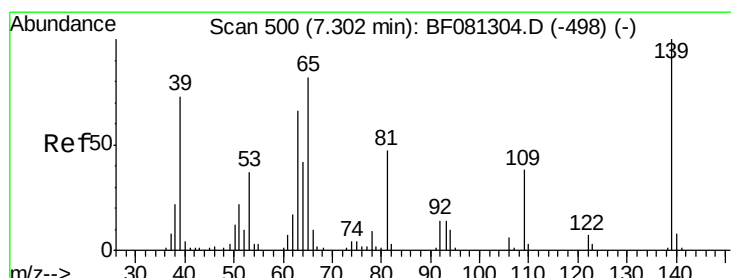
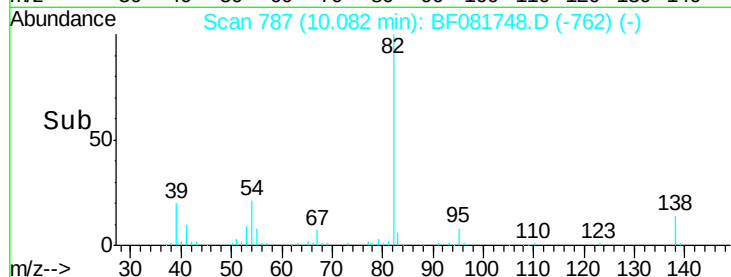
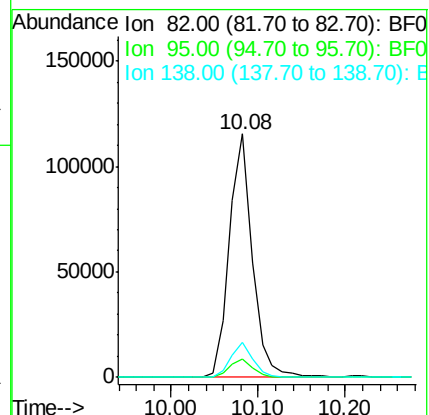
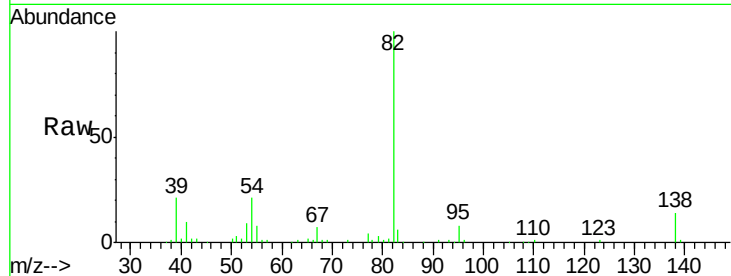
Tot Ion: 82 Resp: 213670

Ion Ratio Lower Upper

82 100

95 7.8 4.0 6.0#

138 14.2 18.3 27.5#



#26

2-Nitrophenol

Concen: 35.44 ng

RT: 10.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

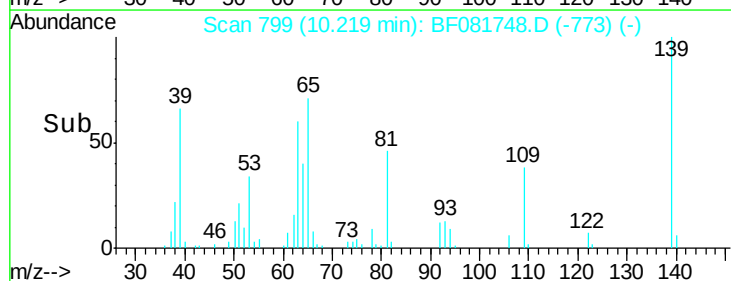
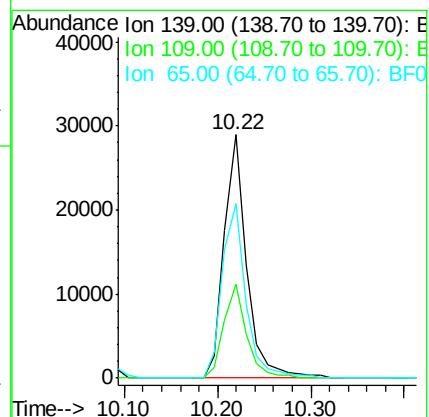
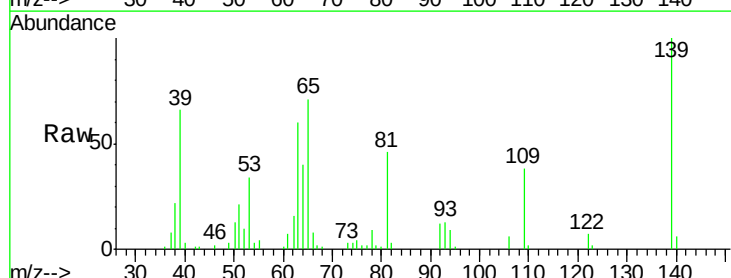
Tgt Ion: 139 Resp: 48870

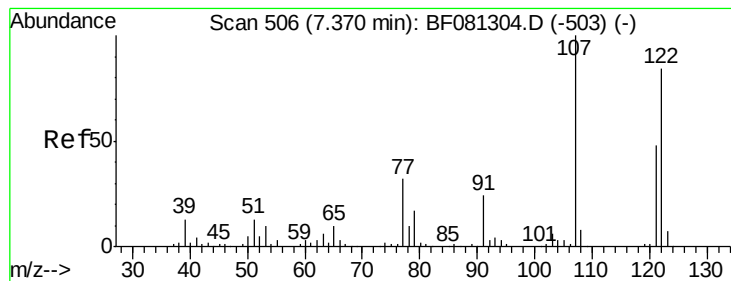
Ion Ratio Lower Upper

139 100

109 38.3 11.0 16.4#

65 71.5 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 36.70 ng

RT: 10.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

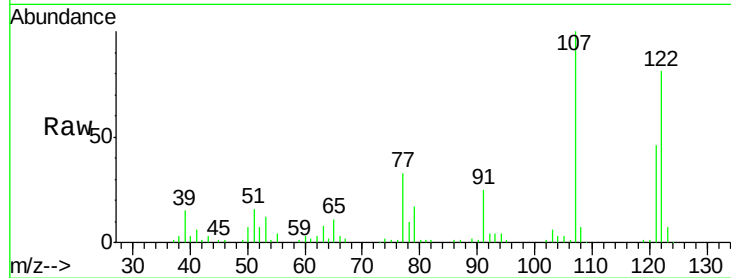
Tot Ion:122 Resp: 87400

Ion Ratio Lower Upper

122 100

107 124.0 71.8 107.6#

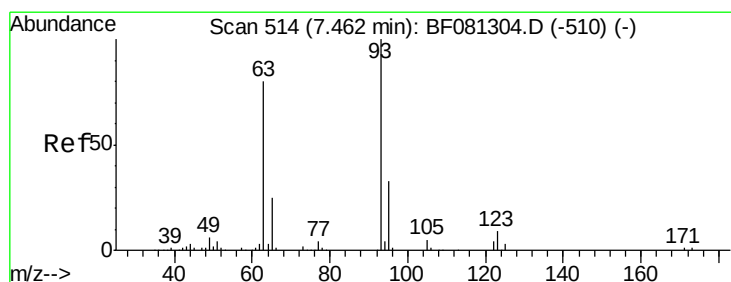
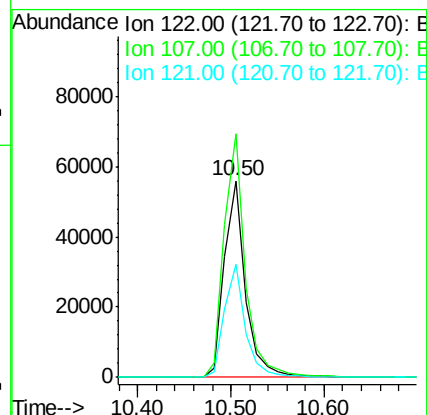
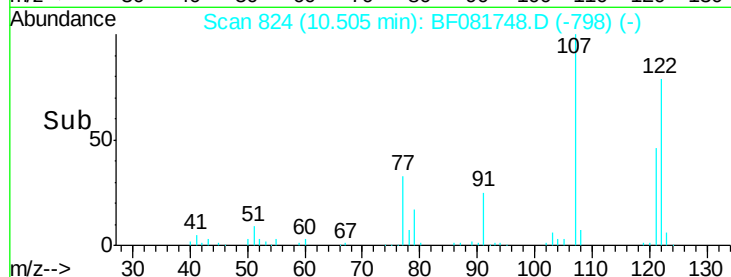
121 57.6 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.17 ng

RT: 10.68 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

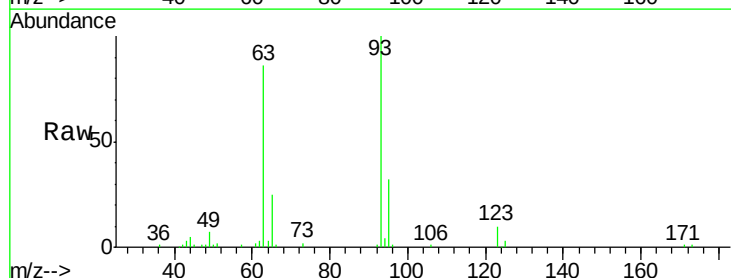
Tgt Ion: 93 Resp: 124918

Ion Ratio Lower Upper

93 100

95 31.7 27.5 41.3

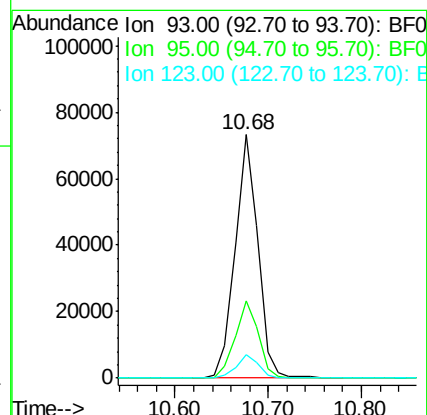
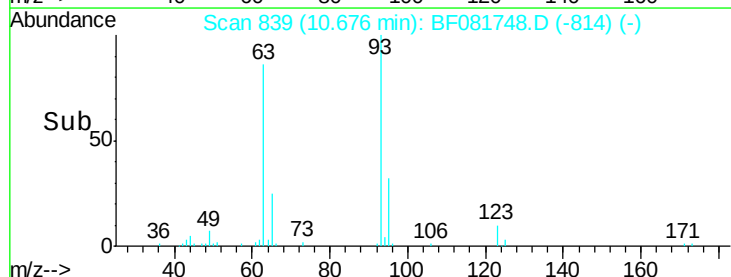
123 9.6 13.7 20.5#

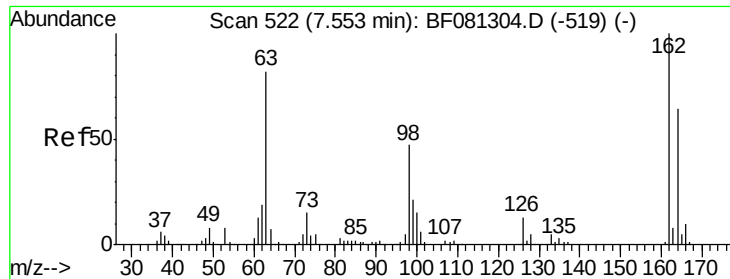


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

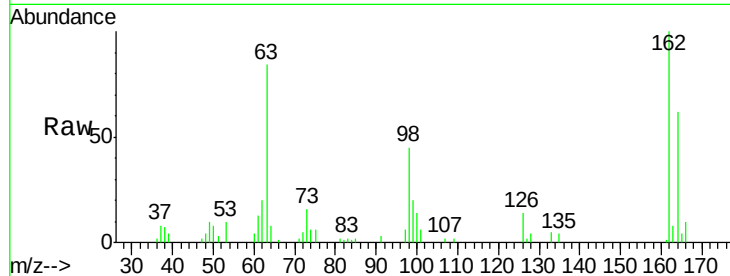




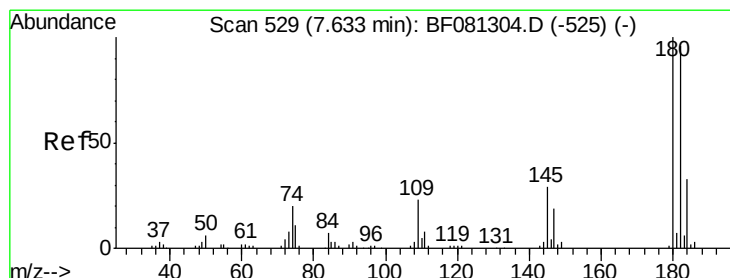
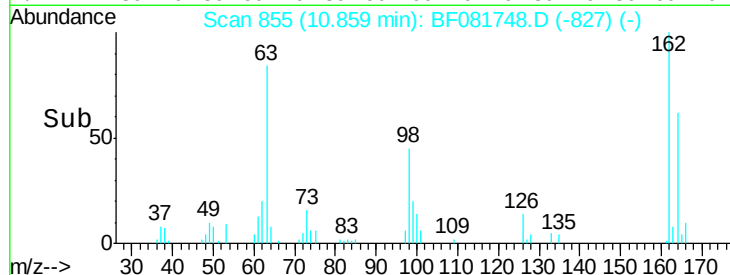
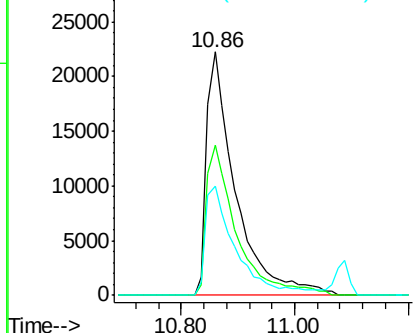
#29
 2,4-Dichlorophenol
 Concen: 37.55 ng
 RT: 10.86 min Scan# 855
 Delta R.T. 0.02 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:162 Resp: 77549
 Ion Ratio Lower Upper
 162 100
 164 61.6 44.9 84.9
 98 44.6 13.0 53.0

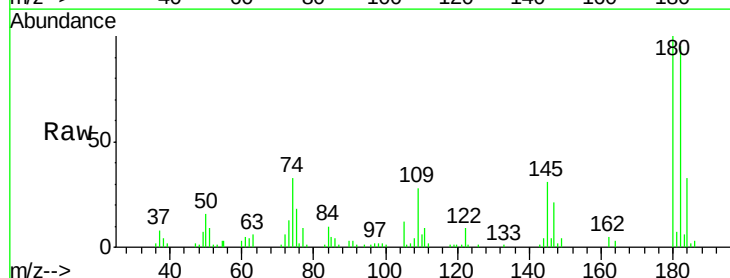


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

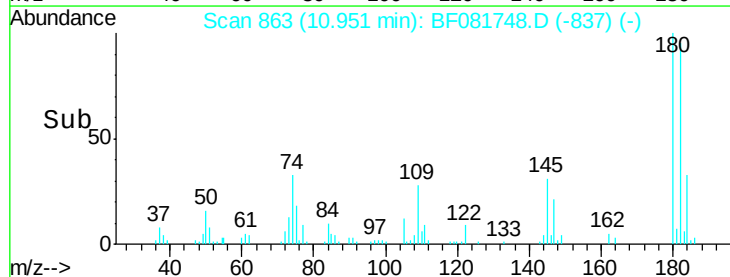
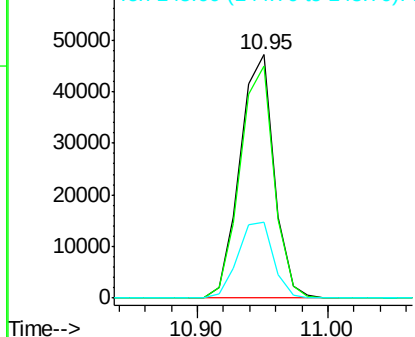


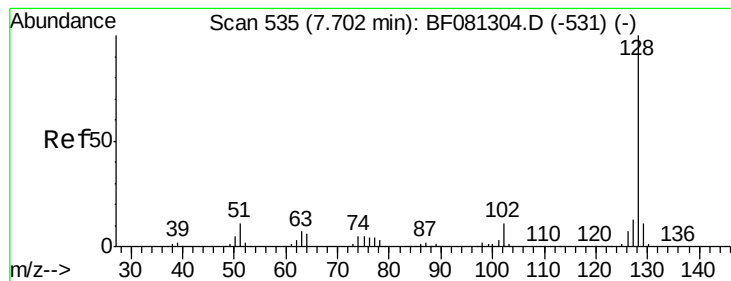
#30
 1,2,4-Trichlorobenzene
 Concen: 38.16 ng
 RT: 10.95 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Tgt Ion:180 Resp: 85617
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.1 115.7
 145 31.1 23.3 34.9



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





#31

Naphthalene

Concen: 37.86 ng

RT: 11.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

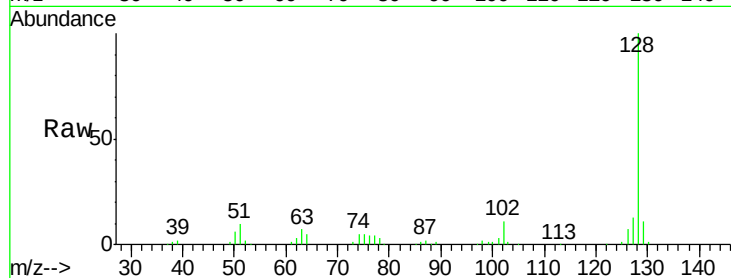
Tot Ion:128 Resp: 296803

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

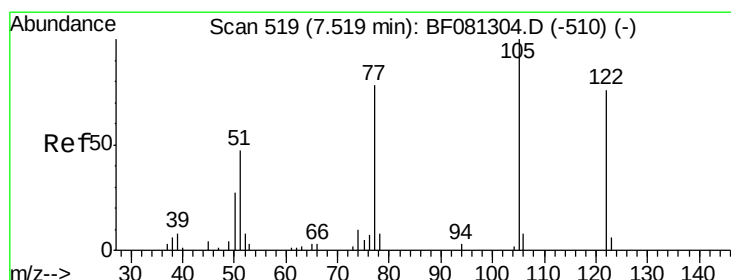
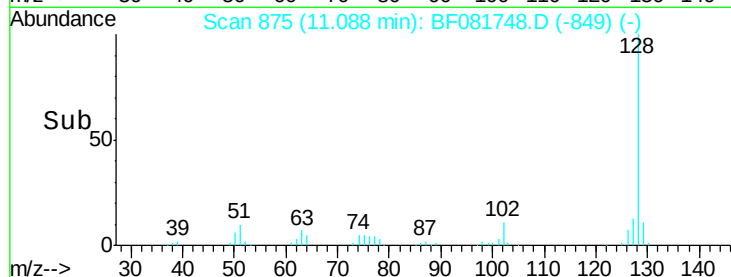
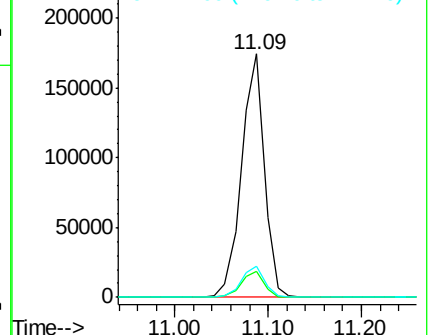
127 13.0 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.72 ng

RT: 11.08 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

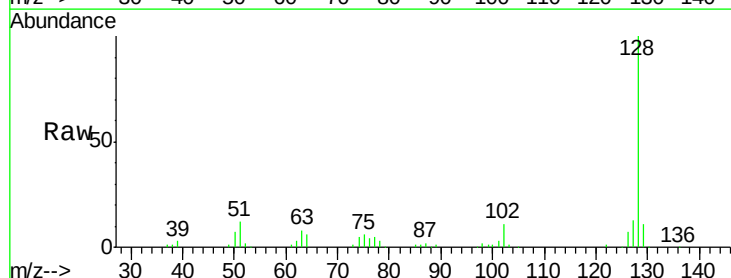
Tgt Ion:122 Resp: 2122

Ion Ratio Lower Upper

122 100

105 69.6 76.1 116.1#

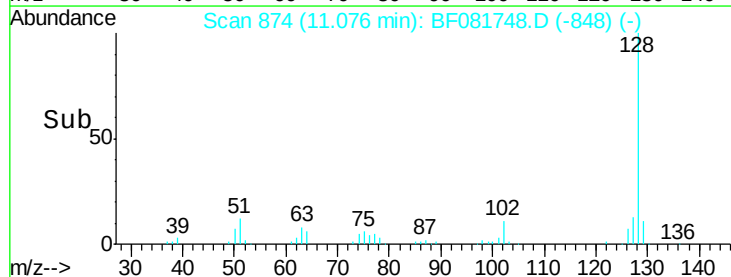
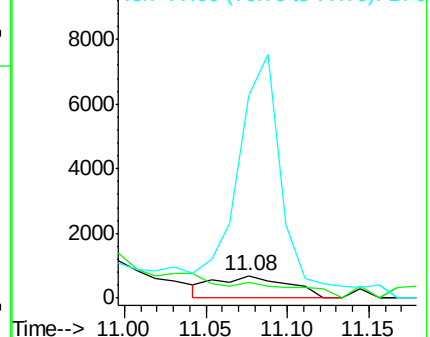
77 898.9 40.5 80.5#

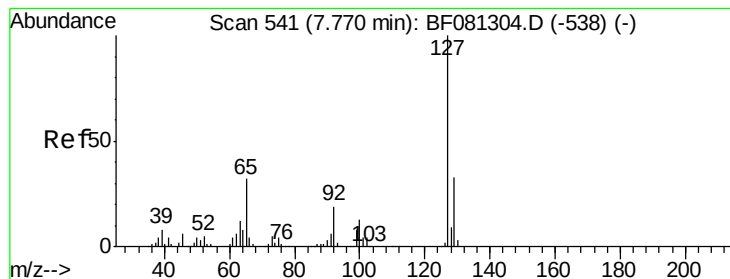


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 15.56 ng

RT: 11.35 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampled :

SP-1MS

Tot Ion:127 Resp: 49737

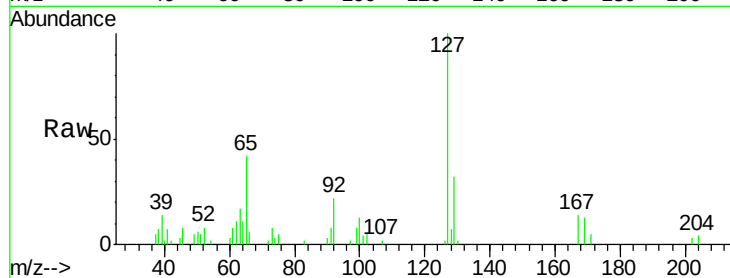
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.6

65 41.8 17.9 26.9#

92 21.5 10.5 15.7#

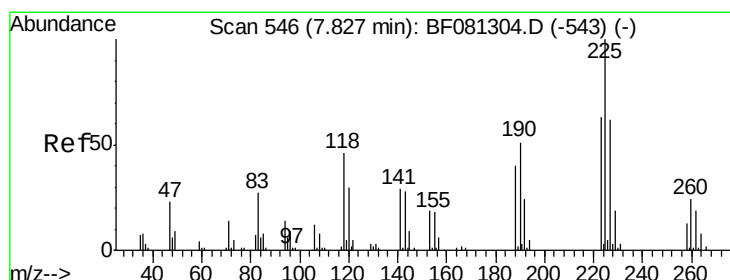
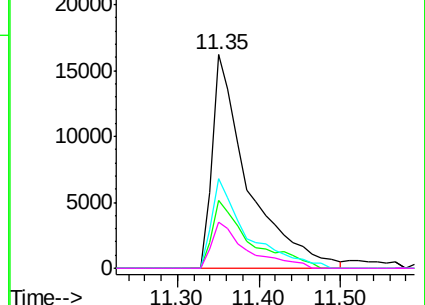
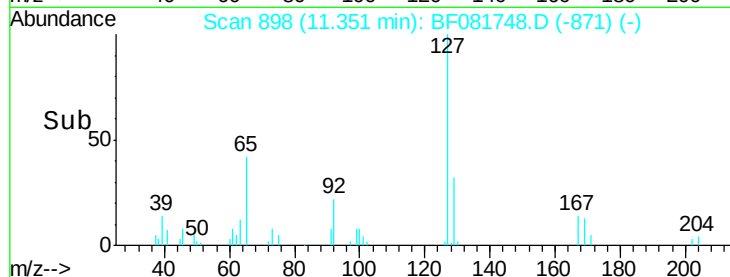


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.49 ng

RT: 11.44 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

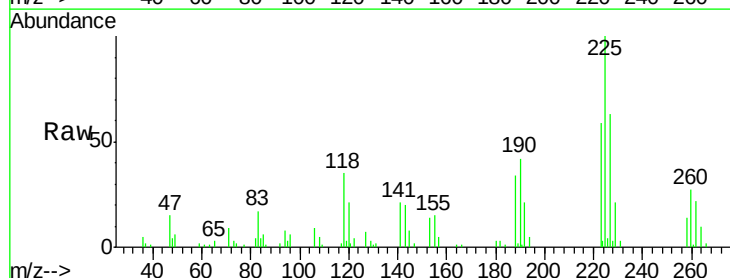
Tgt Ion:225 Resp: 56643

Ion Ratio Lower Upper

225 100

223 58.6 50.2 75.2

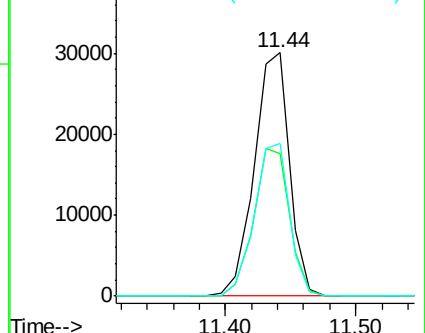
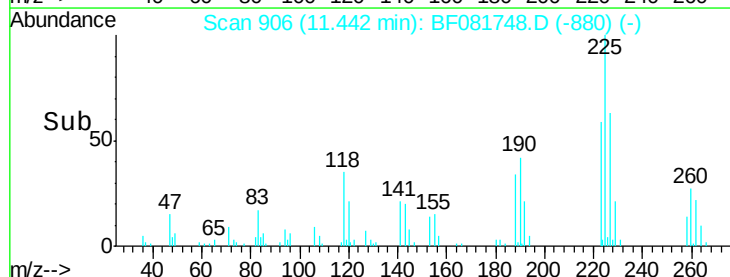
227 62.9 52.2 78.2

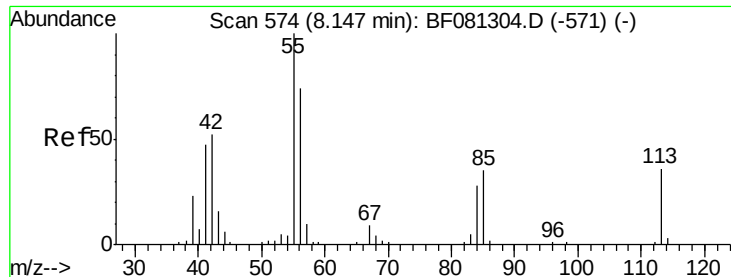


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 16.84 ng

RT: 12.25 min Scan# 977

Delta R.T. -0.07 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampled :

SP-1MS

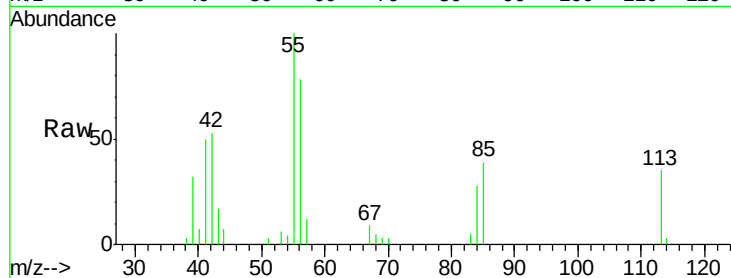
Tot Ion:113 Resp: 10664

Ion Ratio Lower Upper

113 100

55 282.0 152.4 192.4#

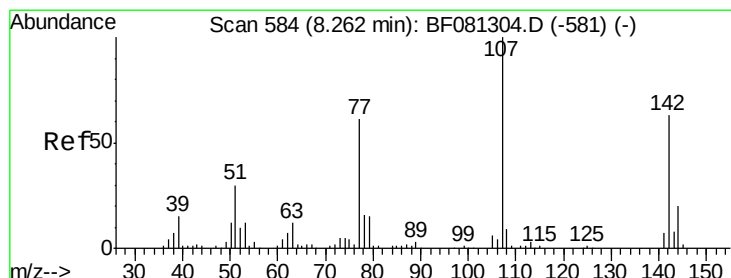
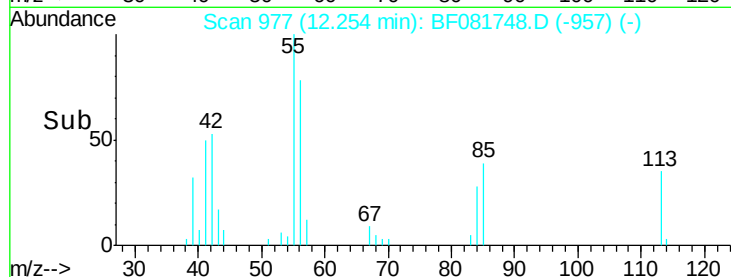
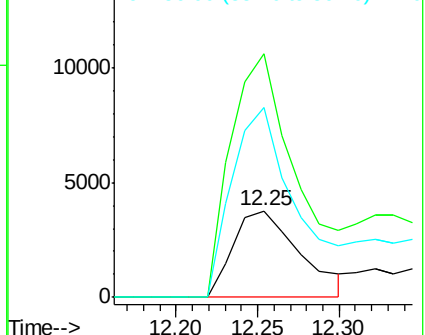
56 219.3 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.98 ng

RT: 12.66 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

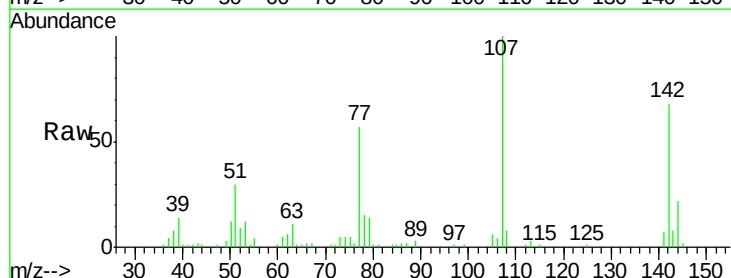
Tgt Ion:107 Resp: 94732

Ion Ratio Lower Upper

107 100

144 21.8 25.4 38.0#

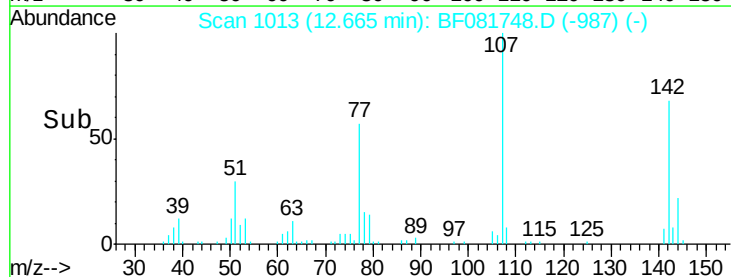
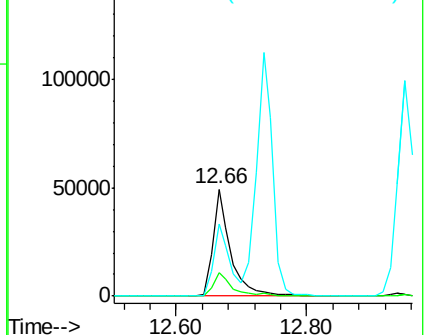
142 68.0 77.3 115.9#

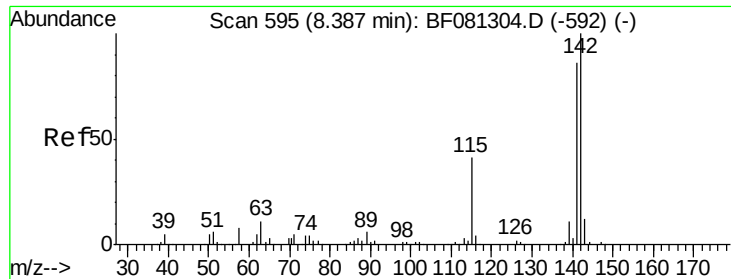


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.81 ng

RT: 12.73 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampled :

SP-1MS

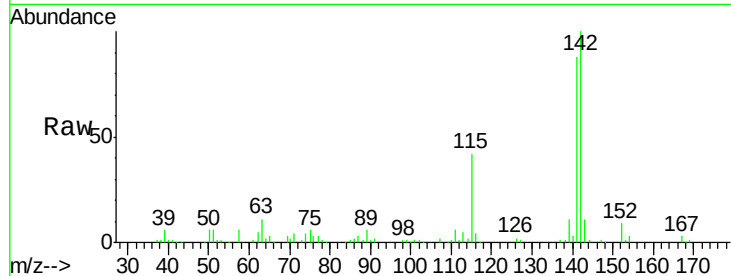
Tot Ion:142 Resp: 197961

Ion Ratio Lower Upper

142 100

141 87.6 67.5 101.3

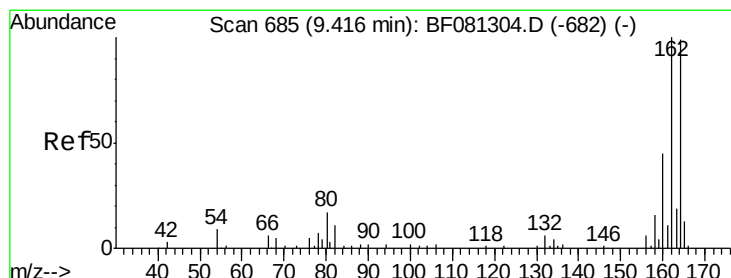
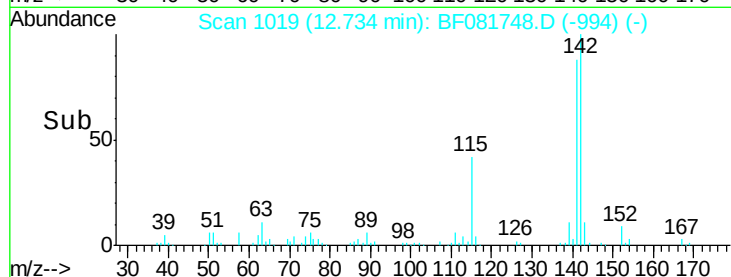
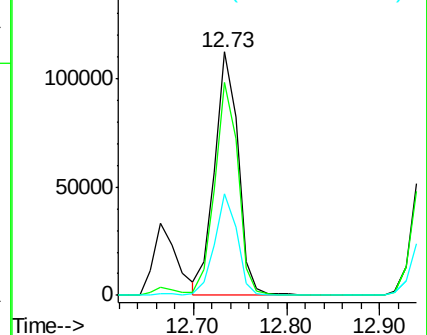
115 41.9 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.17 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

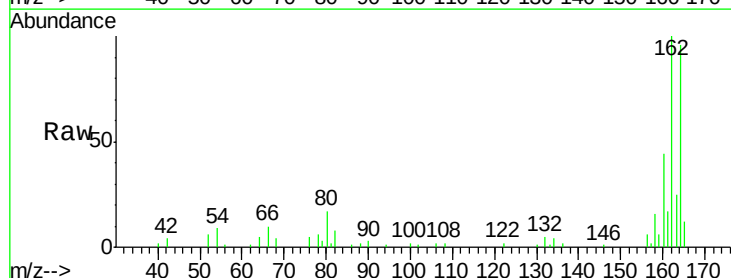
Tgt Ion:164 Resp: 65785

Ion Ratio Lower Upper

164 100

162 103.9 75.2 112.8

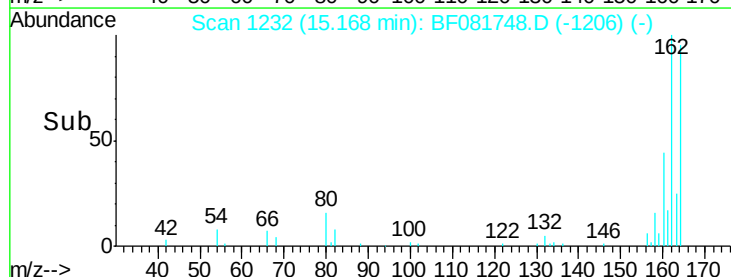
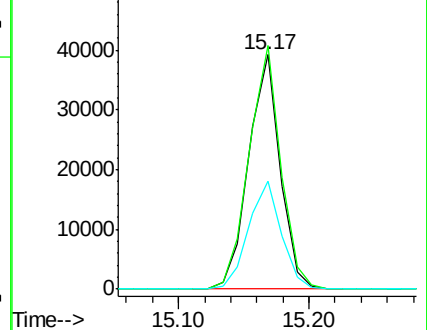
160 45.8 31.5 47.3

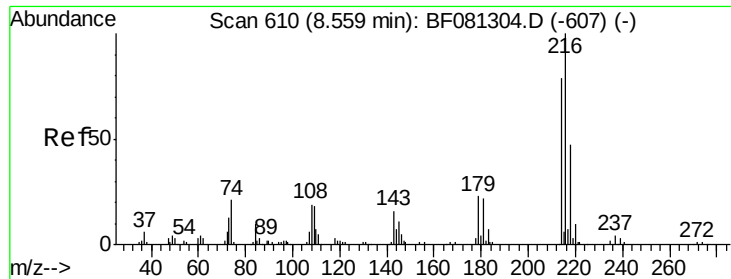


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.50 ng

RT: 13.15 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tot Ion:216 Resp: 84250

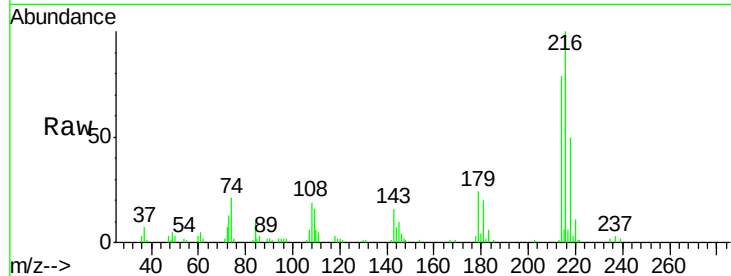
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.5	95.3
179	23.2	16.6	24.8
108	21.5	16.3	24.5

216 100

214 77.9 63.5 95.3

179 23.2 16.6 24.8

108 21.5 16.3 24.5



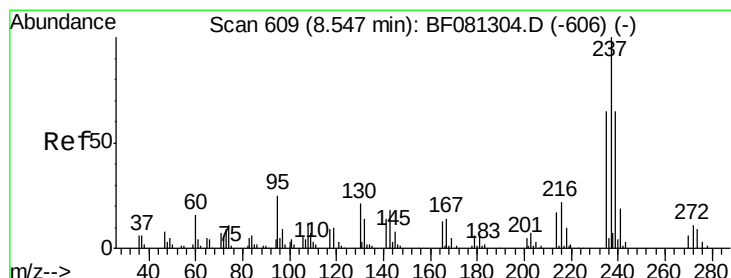
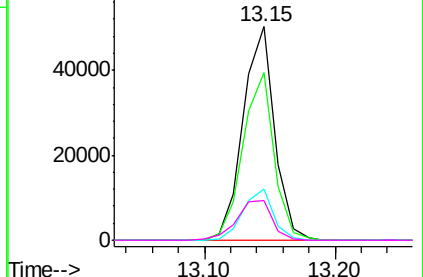
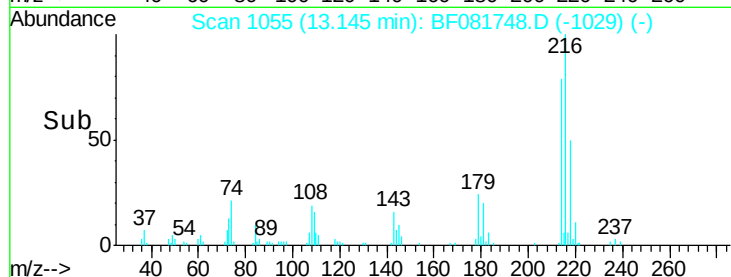
Abundance Ion 216.00 (215.70 to 216.70): E

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

Time-->



#40

Hexachlorocyclopentadiene

Concen: 39.12 ng

RT: 13.12 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

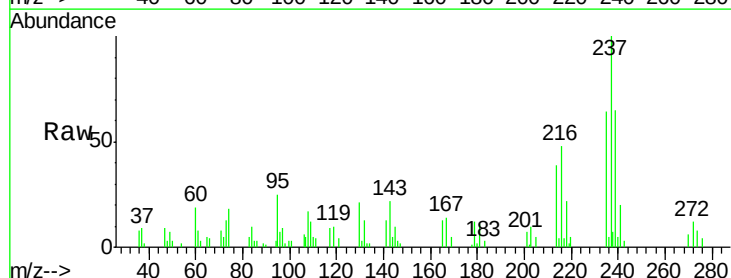
Tgt Ion:237 Resp: 39942

Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.0	82.0
272	11.9	0.0	36.1

237 100

235 63.5 42.0 82.0

272 11.9 0.0 36.1

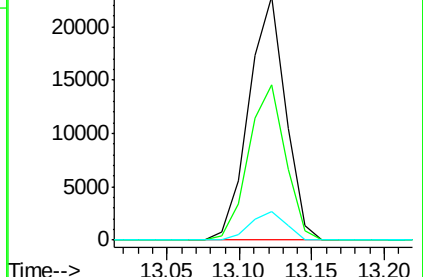
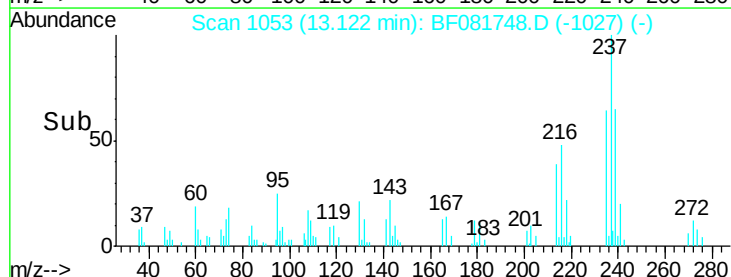


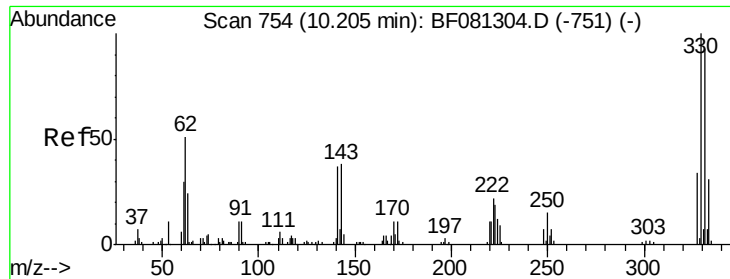
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->

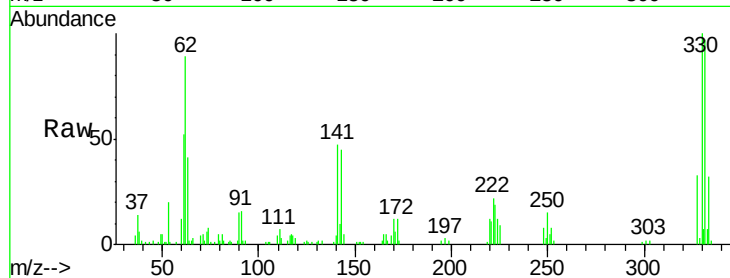




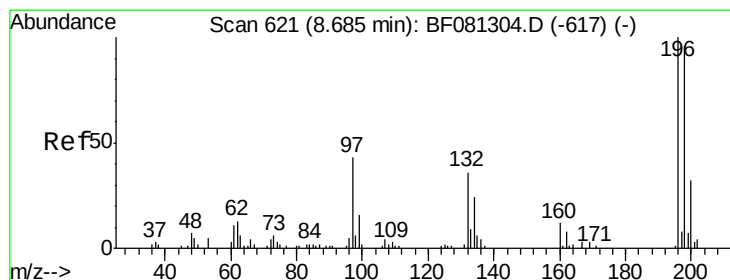
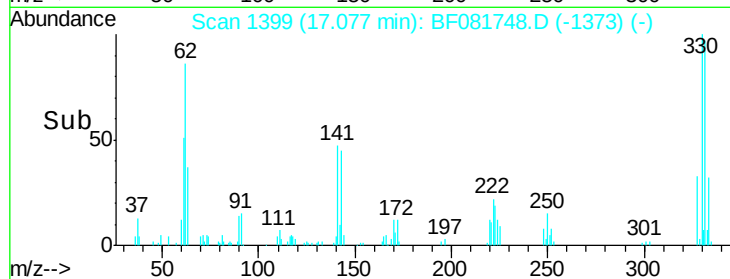
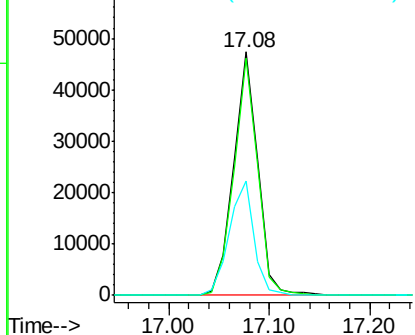
#41
 2,4,6-Tribromophenol
 Concen: 135.50 ng
 RT: 17.08 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:330 Resp: 79371
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 47.9 29.7 44.5#

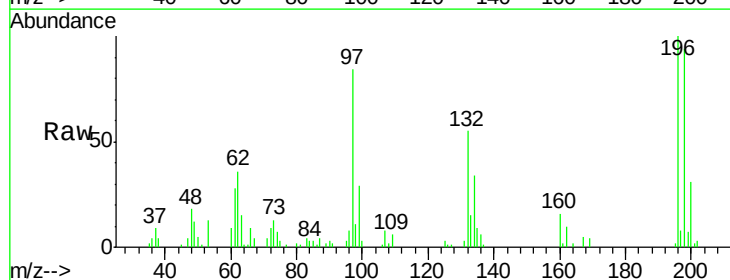


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

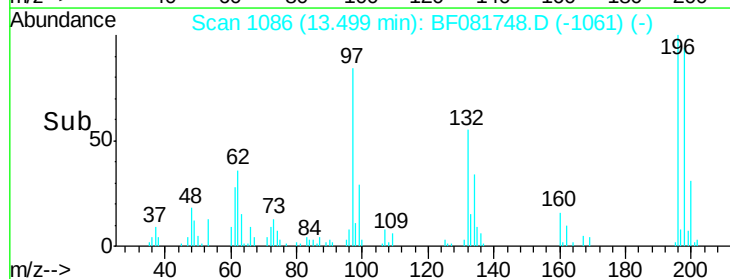
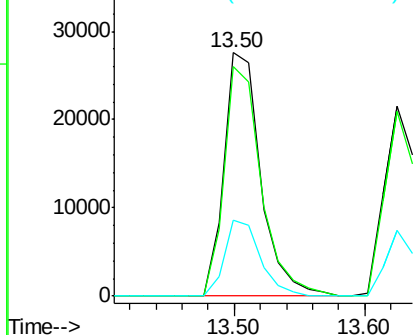


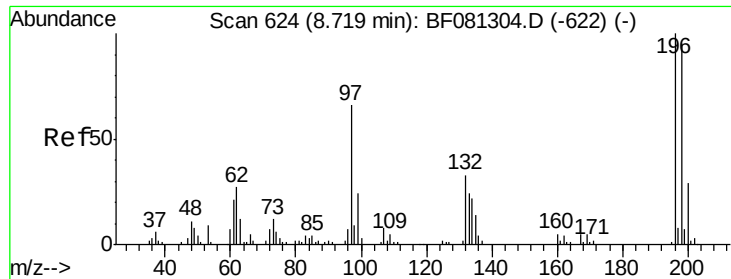
#42
 2,4,6-Trichlorophenol
 Concen: 37.69 ng
 RT: 13.50 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Tgt Ion:196 Resp: 54122
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 31.4 23.9 35.9



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

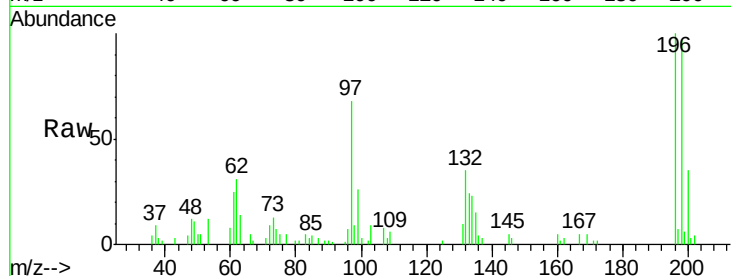




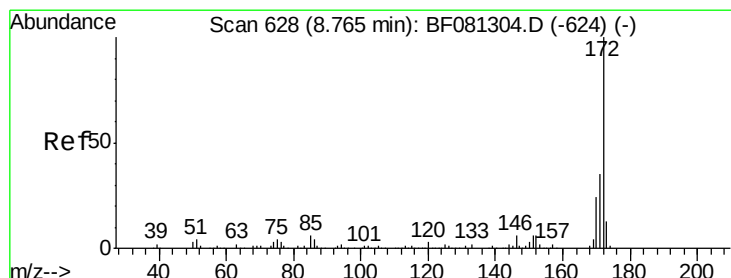
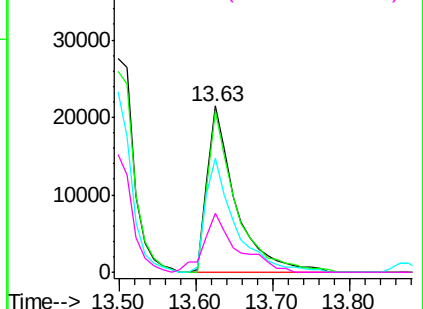
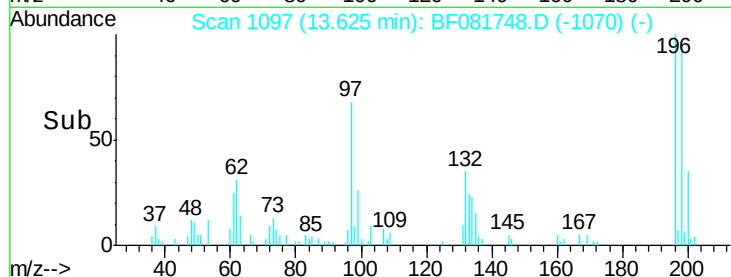
#43
 2,4,5-Trichlorophenol
 Concen: 37.70 ng
 RT: 13.63 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:196 Resp: 55230
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.4 113.0
 97 68.5 33.3 49.9#
 132 35.2 24.6 37.0

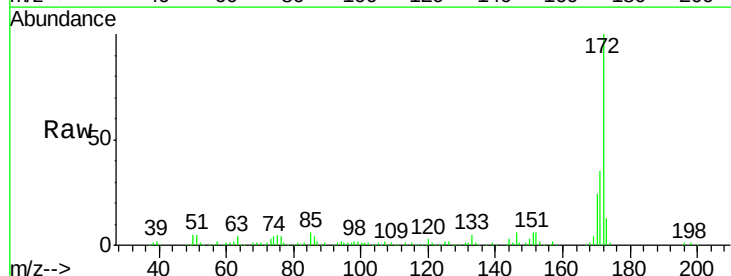


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

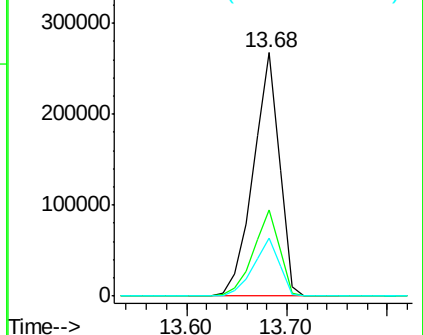
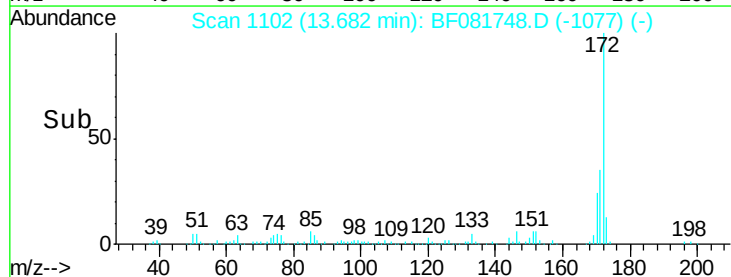


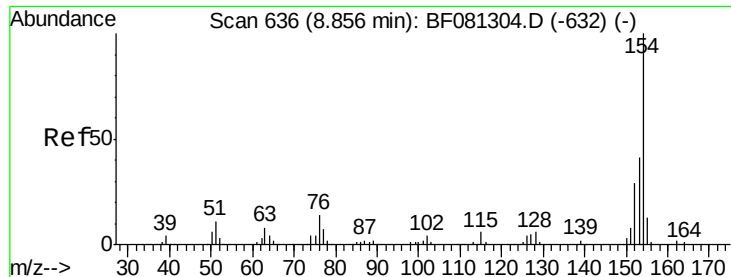
#44
 2-Fluorobiphenyl
 Concen: 93.92 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Tgt Ion:172 Resp: 482125
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.9 17.4 26.2



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: 38.90 ng

RT: 13.89 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

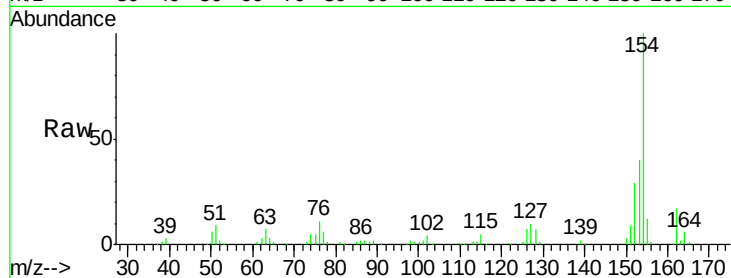
Tot Ion:154 Resp: 235429

Ion Ratio Lower Upper

154 100

153 40.4 17.1 57.1

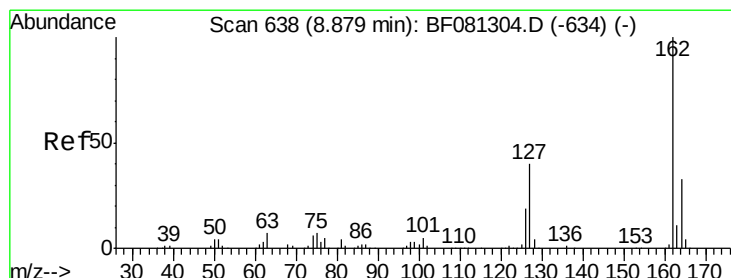
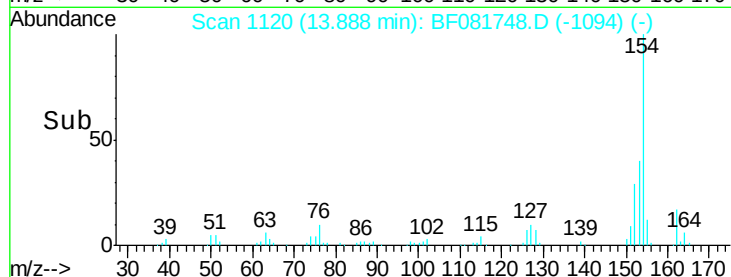
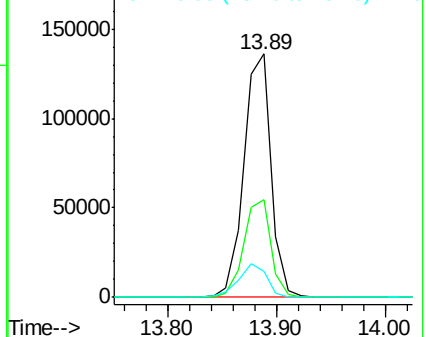
76 10.8 0.0 31.6



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: 39.65 ng

RT: 13.87 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

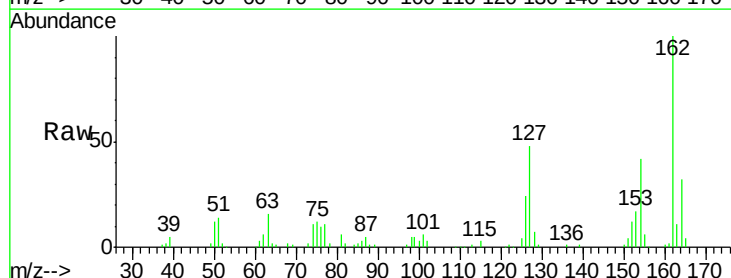
Tgt Ion:162 Resp: 173289

Ion Ratio Lower Upper

162 100

127 47.9 27.6 41.4#

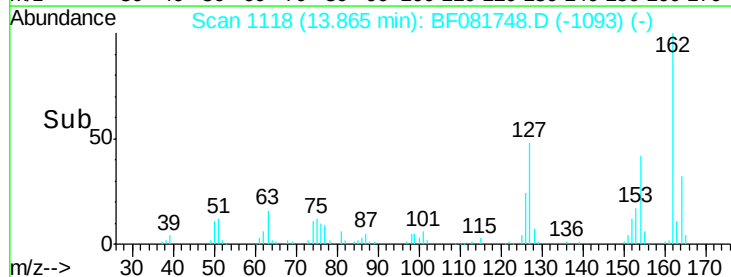
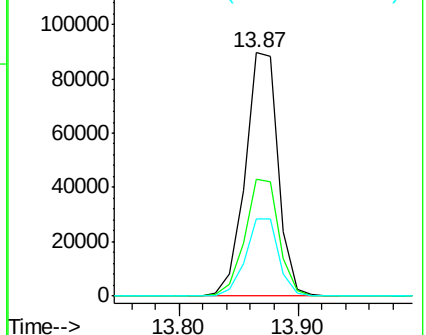
164 32.0 25.4 38.2

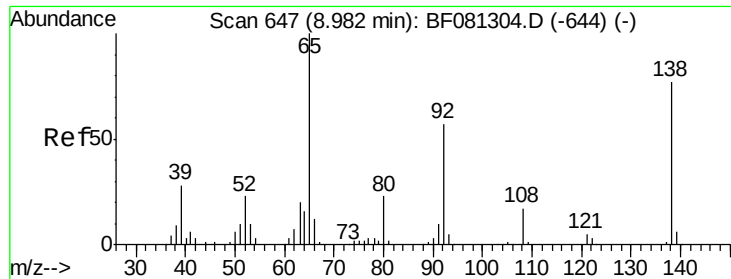


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

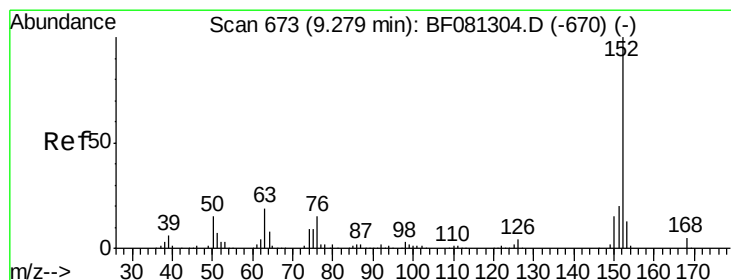
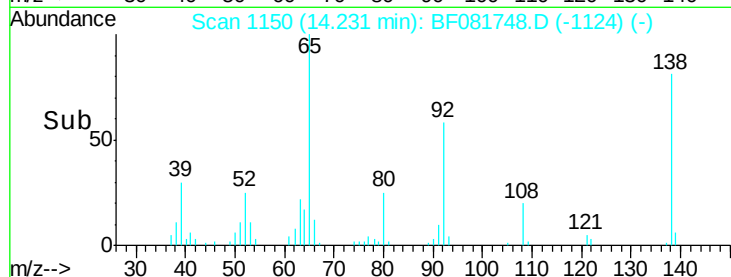
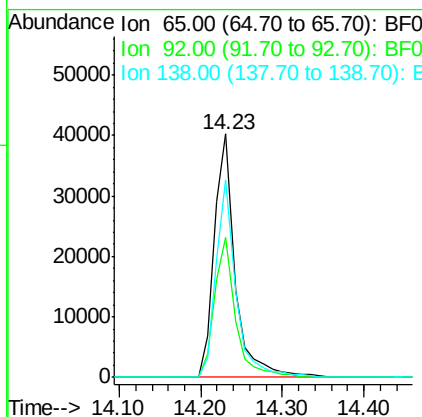
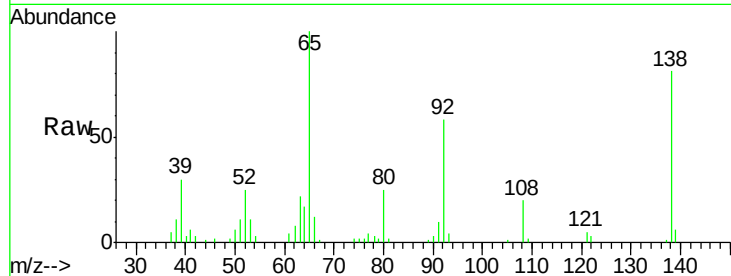




#47
2-Nitroaniline
Concen: 40.31 ng
RT: 14.23 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

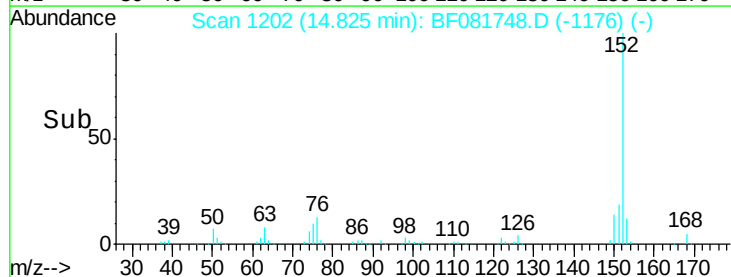
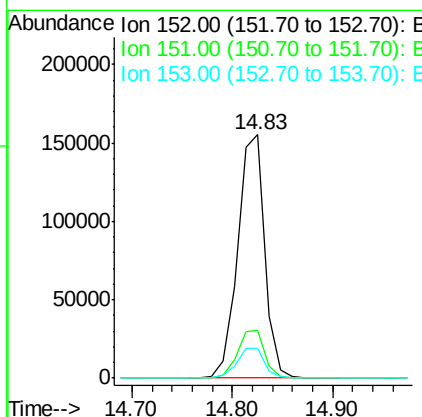
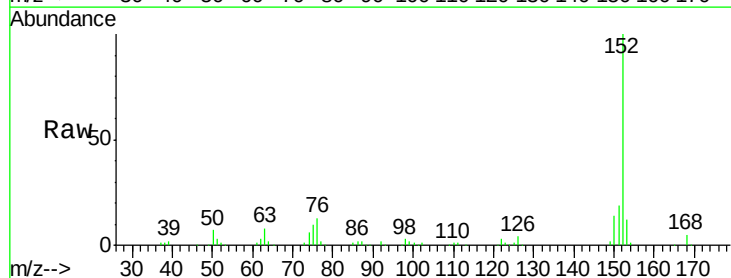
Instrument :
BNA_F
ClientSampled :
SP-1MS

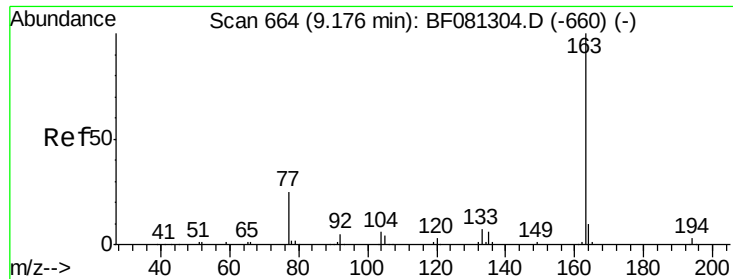
Tot Ion: 65 Resp: 71802
Ion Ratio Lower Upper
65 100
92 57.6 55.4 83.0
138 81.2 115.5 173.3#



#48
Acenaphthylene
Concen: 37.11 ng
RT: 14.83 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

Tgt Ion: 152 Resp: 287729
Ion Ratio Lower Upper
152 100
151 19.5 14.6 22.0
153 12.2 10.3 15.5





#49

Dimethylphthalate

Concen: 59.58 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

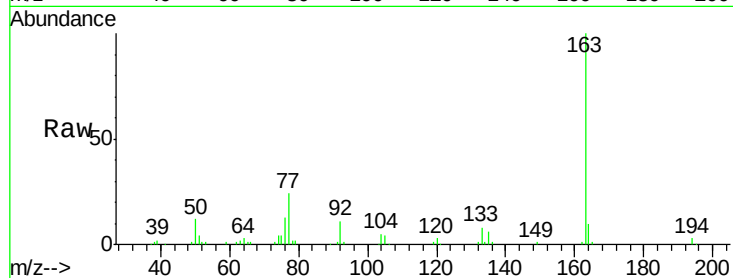
Tot Ion:163 Resp: 304512

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

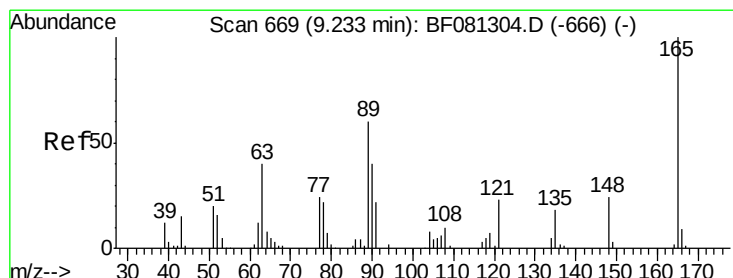
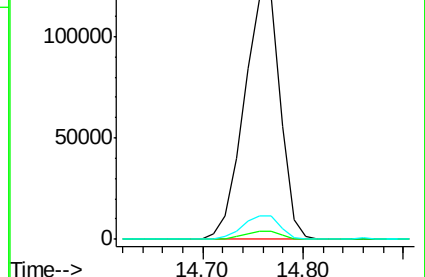
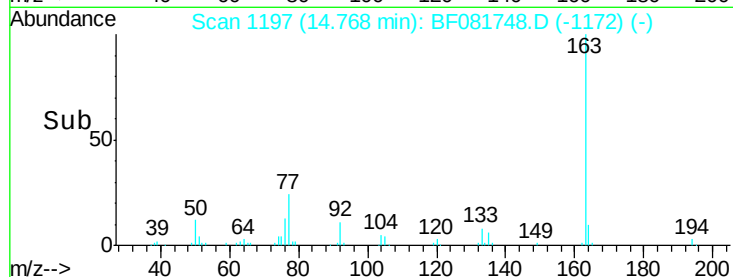
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.90 ng

RT: 14.86 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

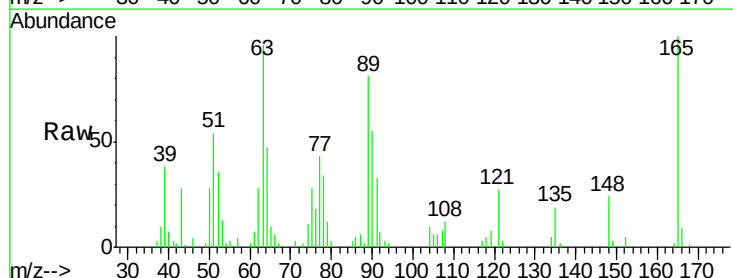
Tgt Ion:165 Resp: 41649

Ion Ratio Lower Upper

165 100

63 96.2 32.3 48.5#

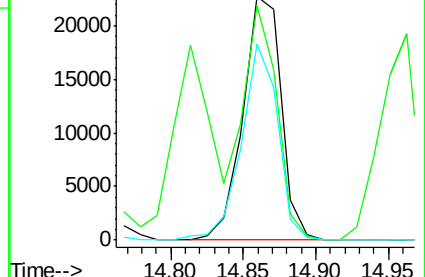
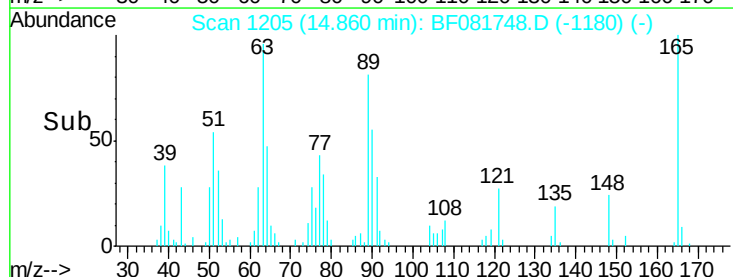
89 80.7 28.6 43.0#

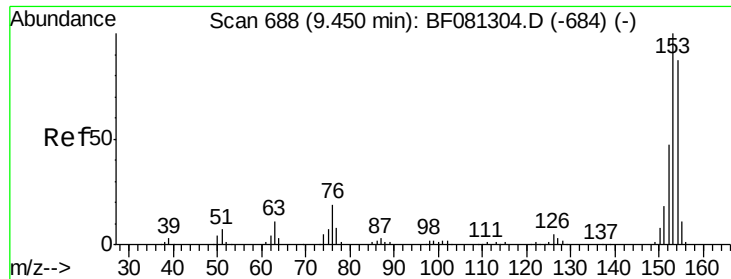


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.38 ng

RT: 15.25 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

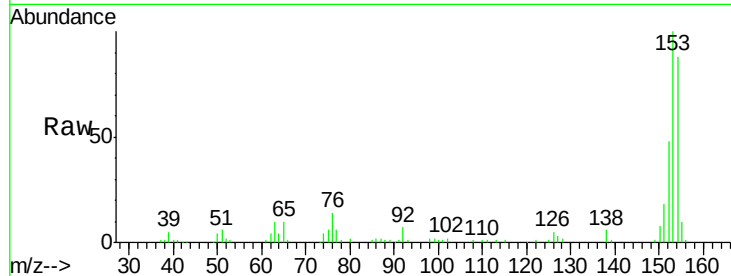
Tot Ion:154 Resp: 164876

Ion Ratio Lower Upper

154 100

153 114.0 82.1 123.1

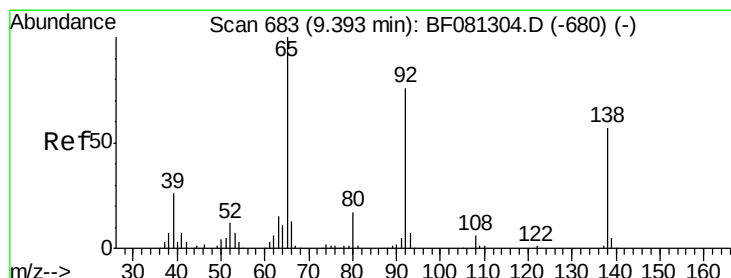
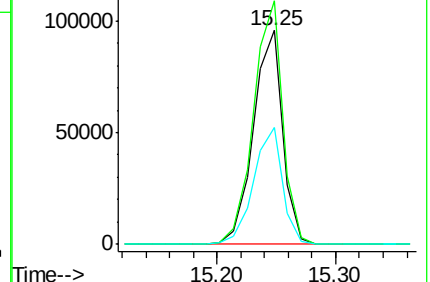
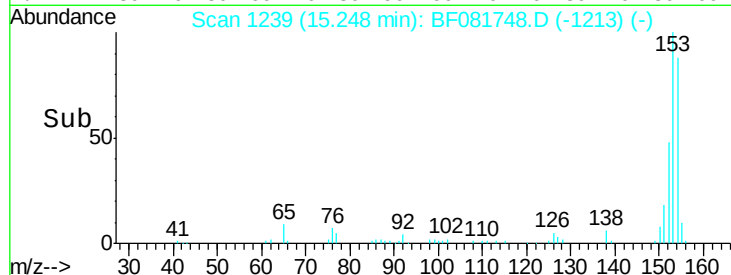
152 54.5 37.9 56.9



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: 24.00 ng

RT: 15.24 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

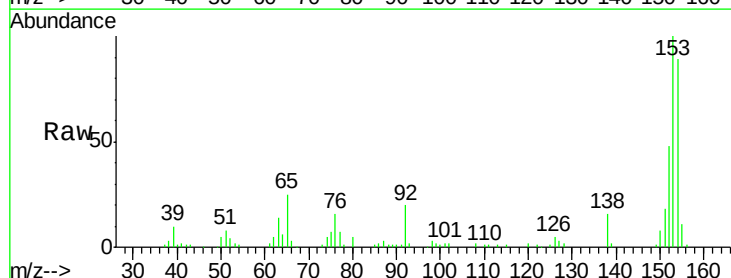
Tgt Ion:138 Resp: 31692

Ion Ratio Lower Upper

138 100

108 11.1 5.7 8.5#

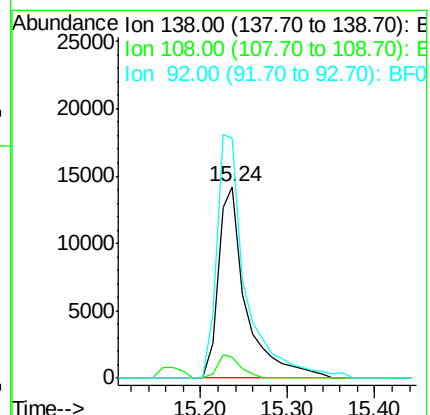
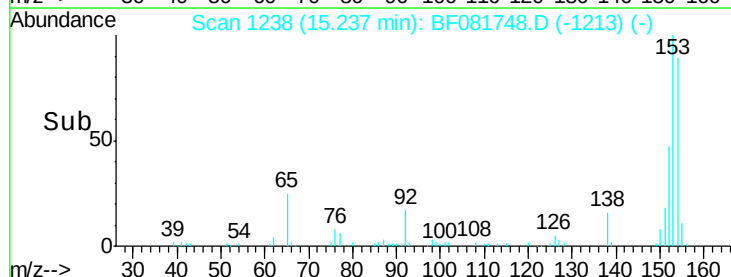
92 125.2 67.7 101.5#

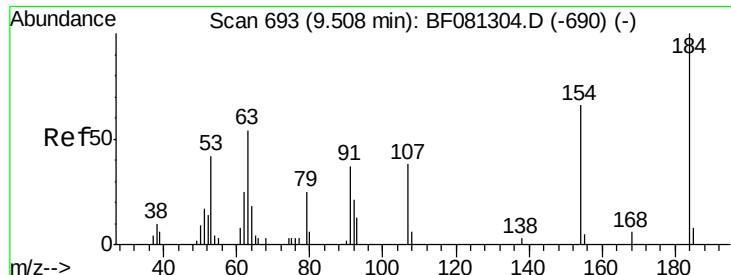


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

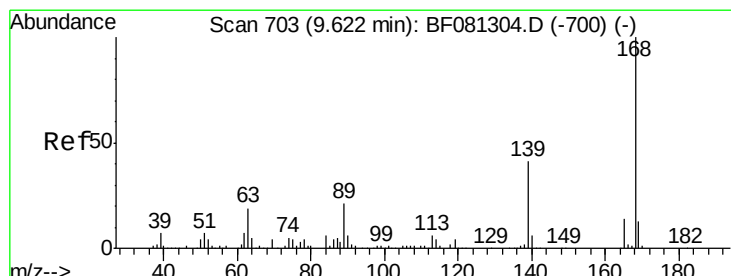
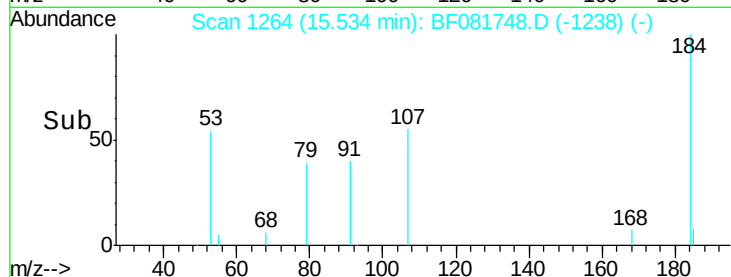
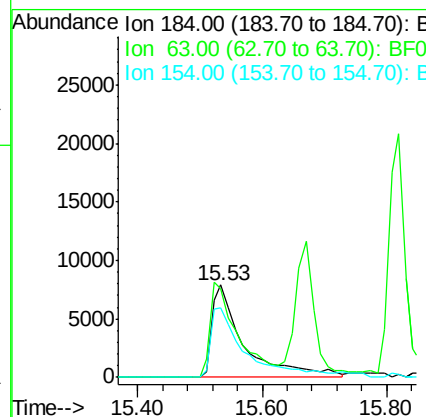
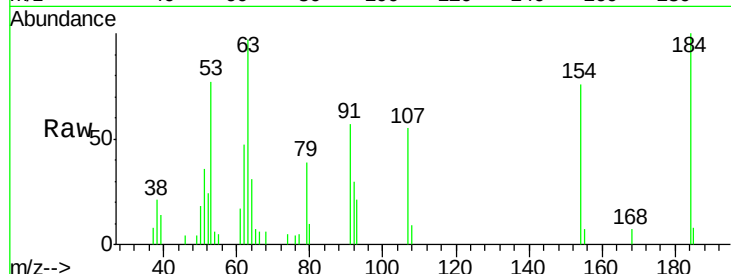




#53
2,4-Dinitrophenol
Concen: 50.02 ng
RT: 15.53 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

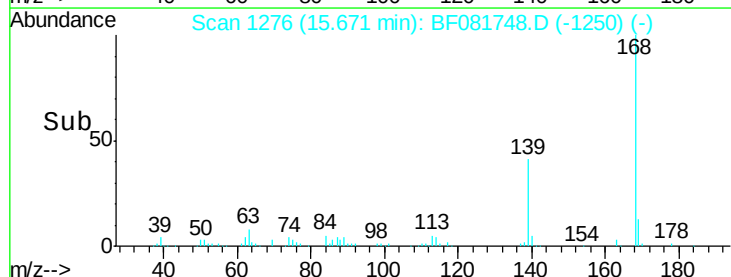
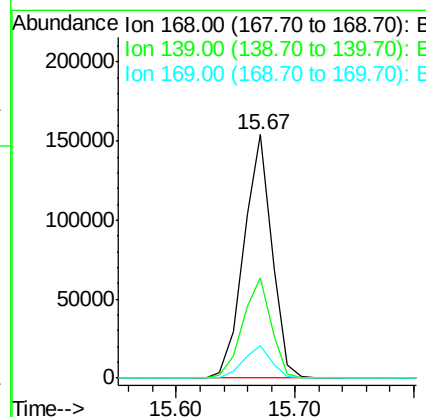
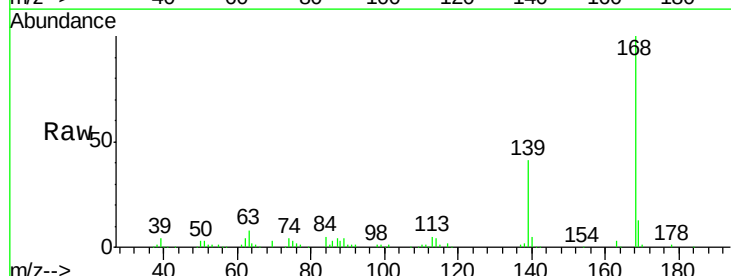
Instrument :
BNA_F
ClientSampled :
SP-1MS

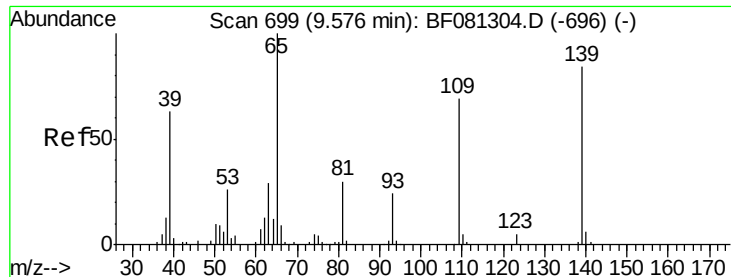
Tot Ion:184 Resp: 27990
Ion Ratio Lower Upper
184 100
63 96.7 35.4 53.2#
154 75.7 32.2 48.4#



#54
Dibenzofuran
Concen: 39.28 ng
RT: 15.67 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

Tgt Ion:168 Resp: 252987
Ion Ratio Lower Upper
168 100
139 41.4 24.2 36.2#
169 13.3 10.6 15.8

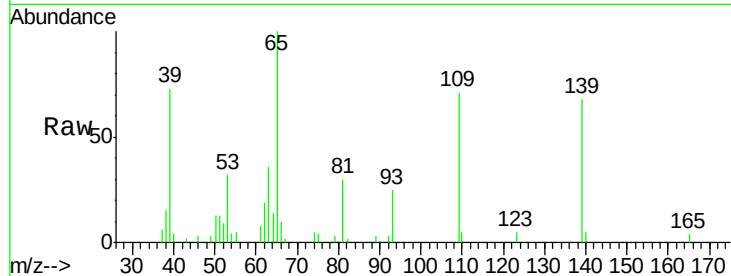




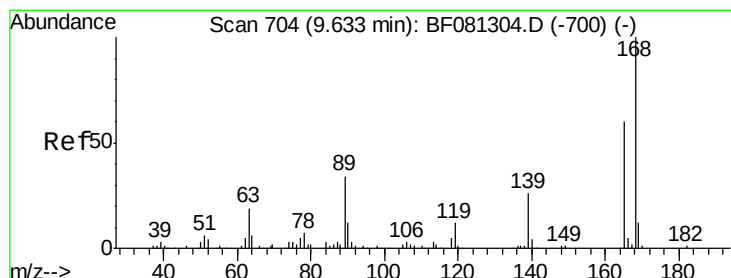
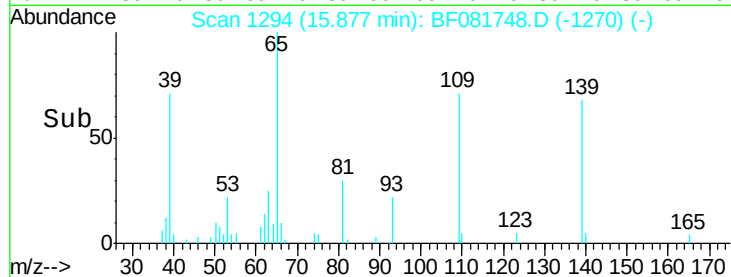
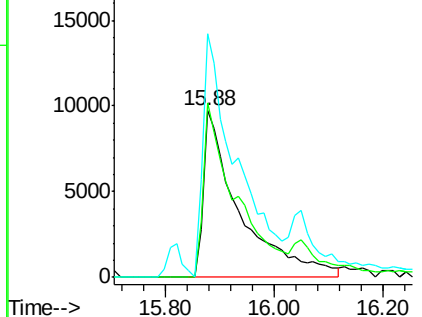
#55
4-Nitrophenol
Concen: 54.41 ng
RT: 15.88 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:139 Resp: 45139
Ion Ratio Lower Upper
139 100
109 104.4 12.7 52.7#
65 146.1 45.9 85.9#

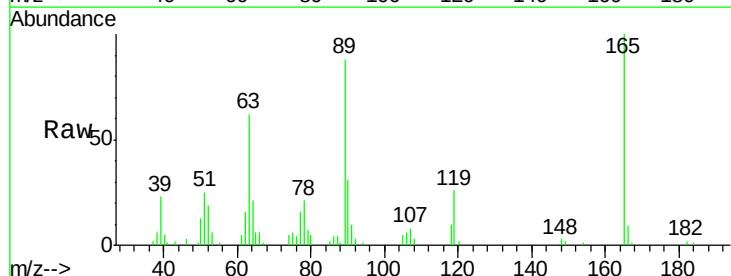


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

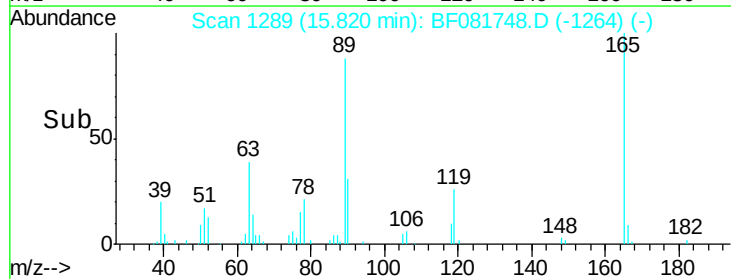
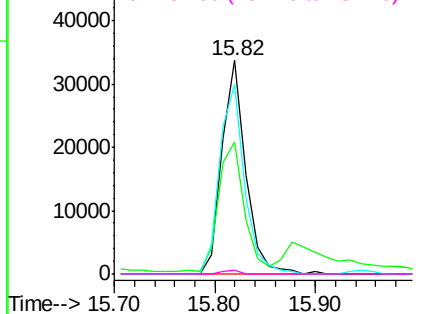


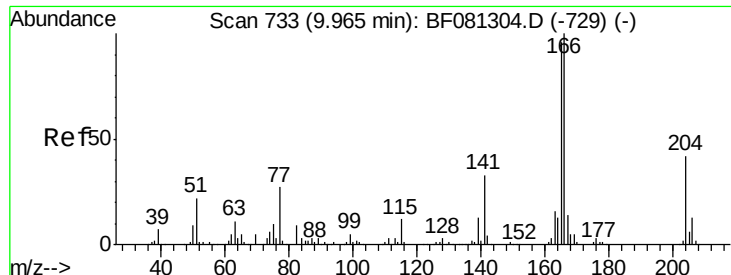
#56
2,4-Dinitrotoluene
Concen: 37.67 ng
RT: 15.82 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

Tgt Ion:165 Resp: 55638
Ion Ratio Lower Upper
165 100
63 61.7 29.8 44.6#
89 88.4 44.5 66.7#
182 2.1 3.0 4.4#



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

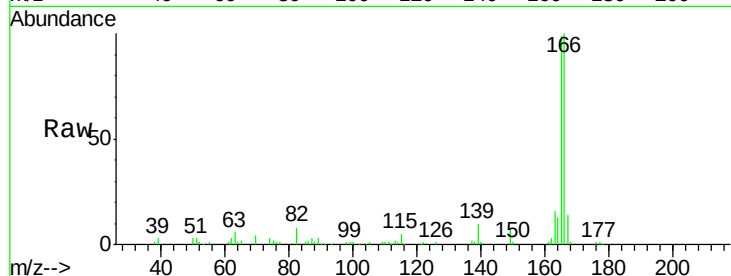




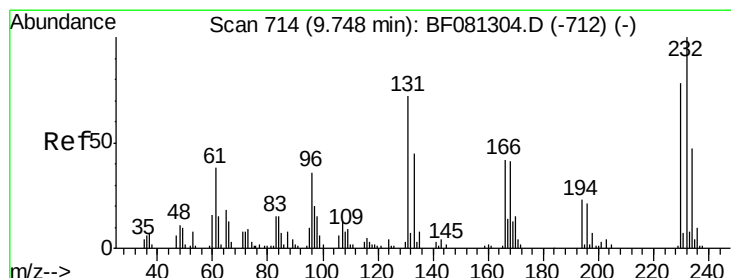
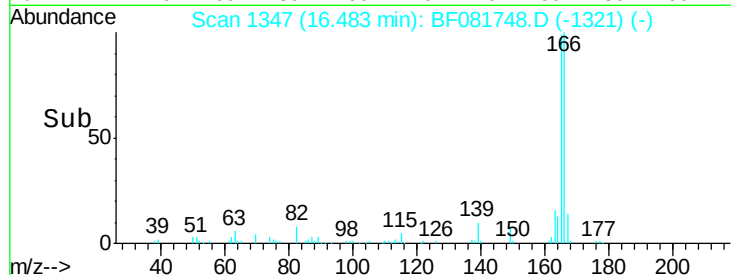
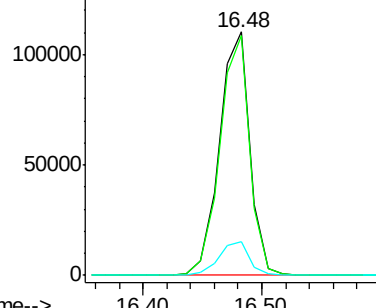
#57
 Fluorene
 Concen: 40.21 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:166 Resp: 196558
 Ion Ratio Lower Upper
 166 100
 165 98.5 72.6 109.0
 167 13.9 10.6 16.0

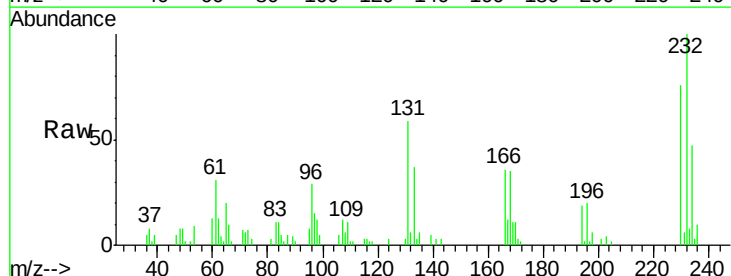


Abundance Ion 166.00 (165.70 to 166.70): E
 150000 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

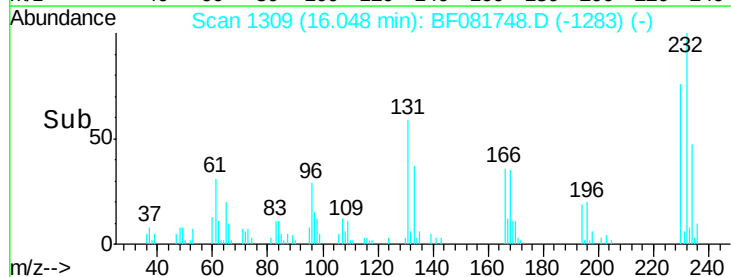
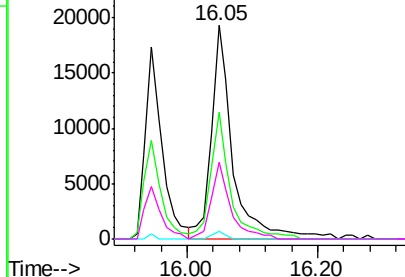


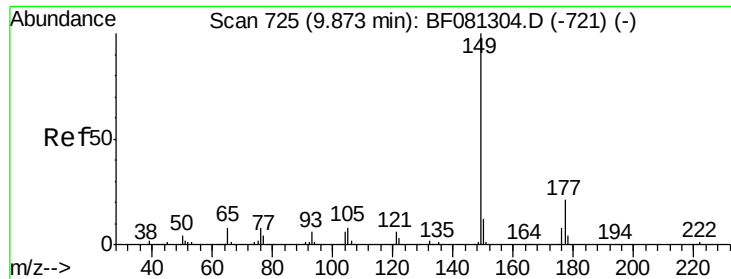
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.17 ng
 RT: 16.05 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Tgt Ion:232 Resp: 44926
 Ion Ratio Lower Upper
 232 100
 131 54.5 38.5 57.7
 130 2.0 1.8 2.6
 166 32.3 25.0 37.6



Abundance Ion 232.00 (231.70 to 232.70): E
 30000 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: 41.96 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

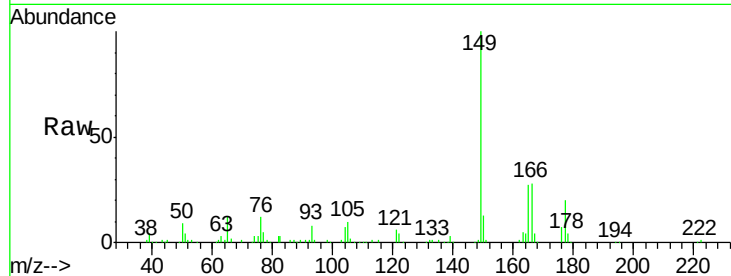
Tot Ion:149 Resp: 225583

Ion Ratio Lower Upper

149 100

177 19.8 17.5 26.3

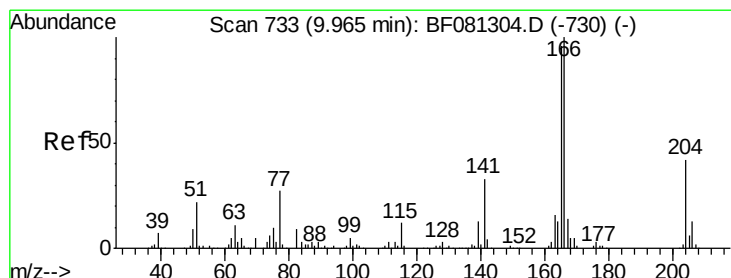
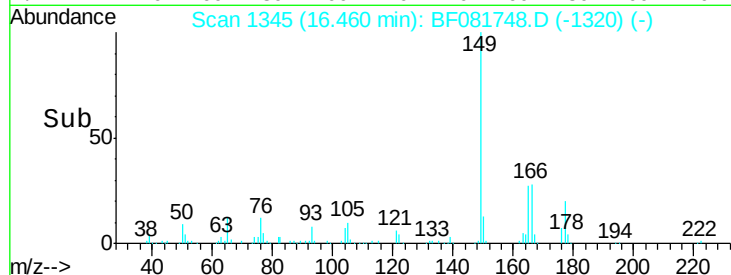
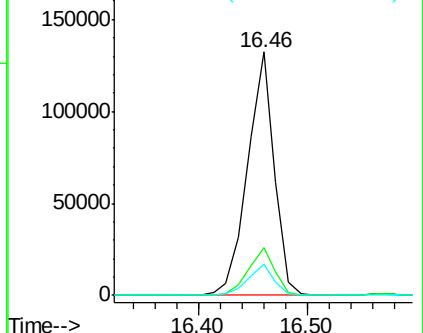
150 12.7 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.88 ng

RT: 16.57 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

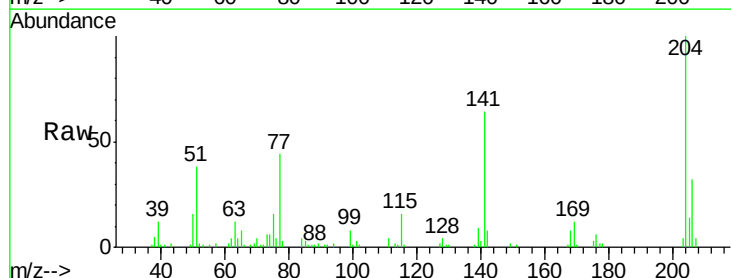
Tgt Ion:204 Resp: 95419

Ion Ratio Lower Upper

204 100

206 31.5 24.8 37.2

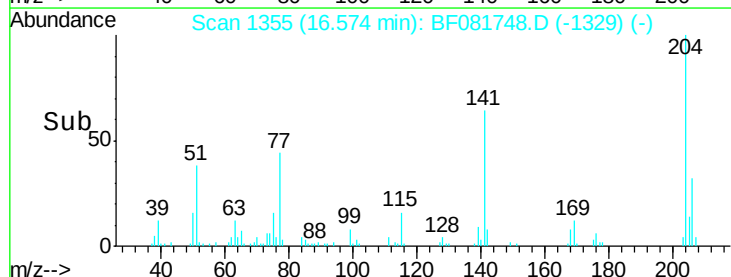
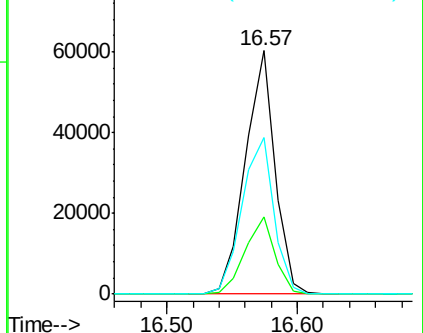
141 64.2 42.2 63.4#

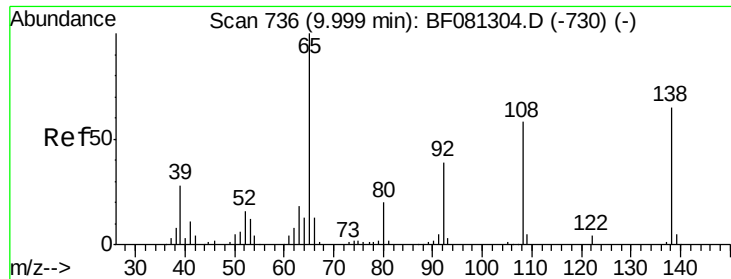


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 24.15 ng

RT: 16.69 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

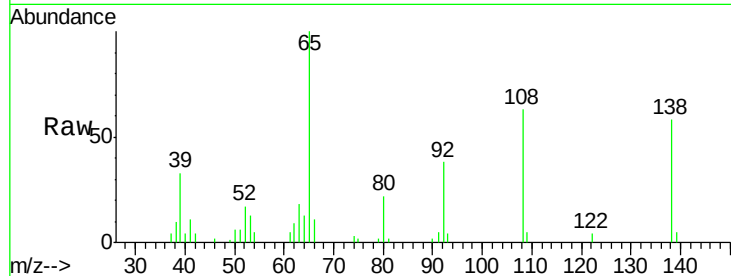
Tot Ion:138 Resp: 32225

Ion Ratio Lower Upper

138 100

92 66.6 12.6 52.6#

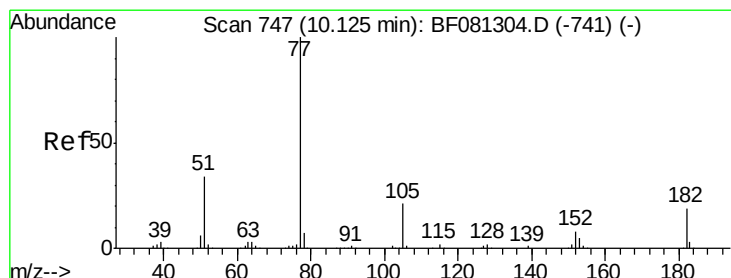
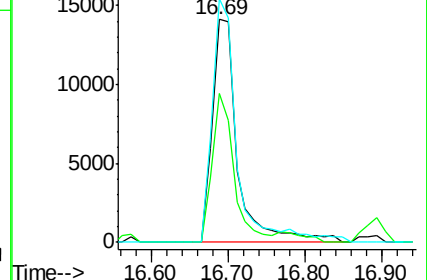
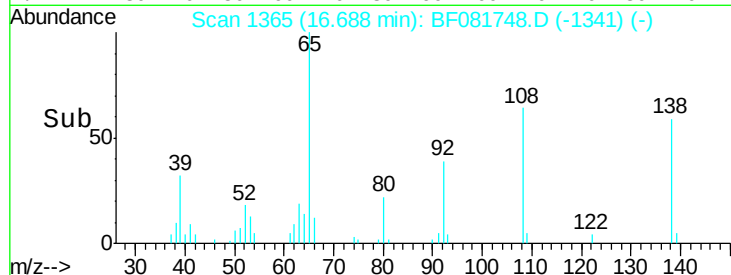
108 109.2 12.4 52.4#



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: 40.84 ng

RT: 16.94 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Tgt Ion: 77 Resp: 244112

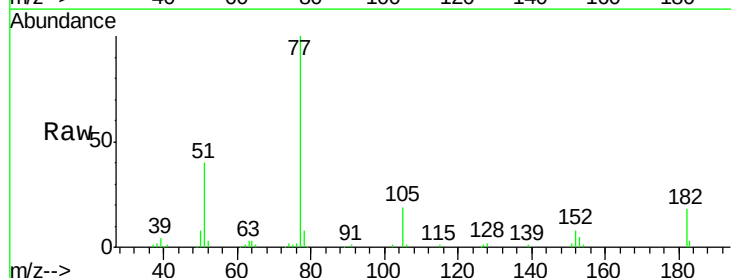
Ion Ratio Lower Upper

77 100

182 18.4 15.1 55.1

105 19.3 3.4 43.4

51 40.3 12.0 52.0

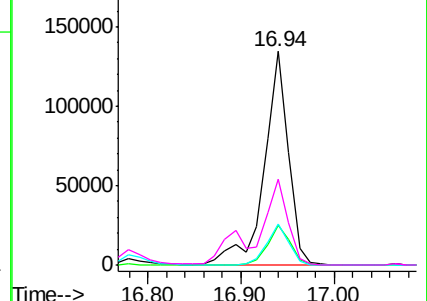
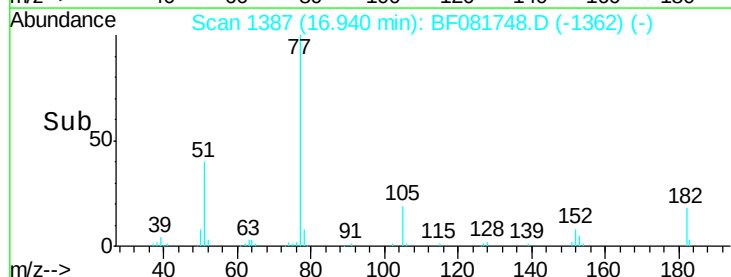


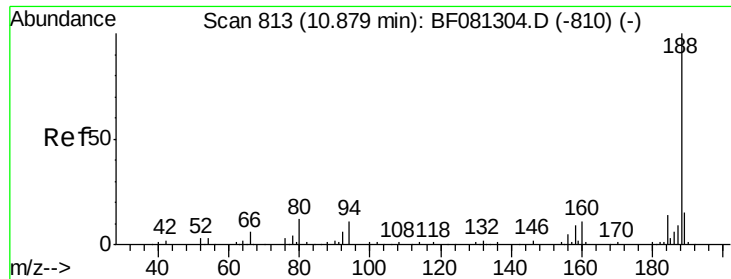
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

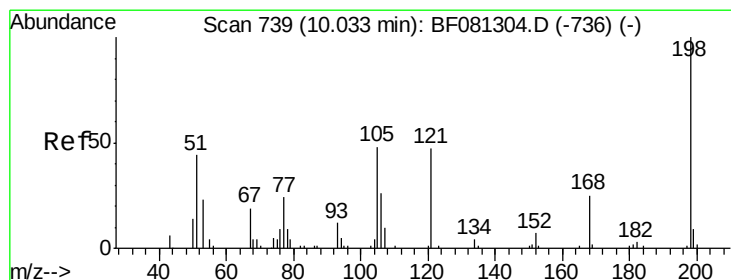
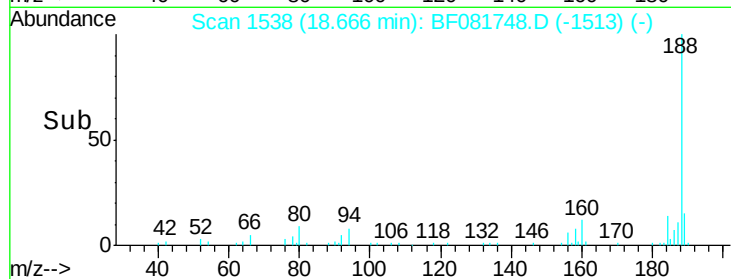
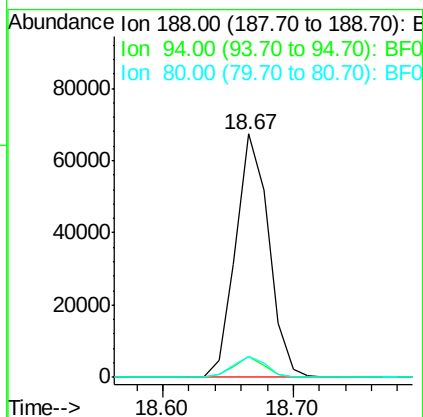
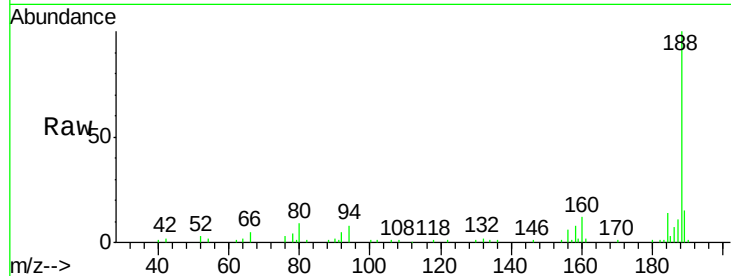




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

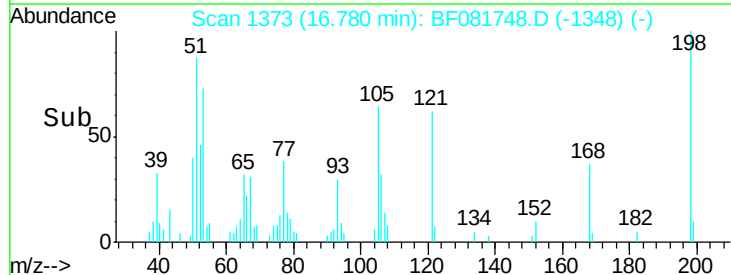
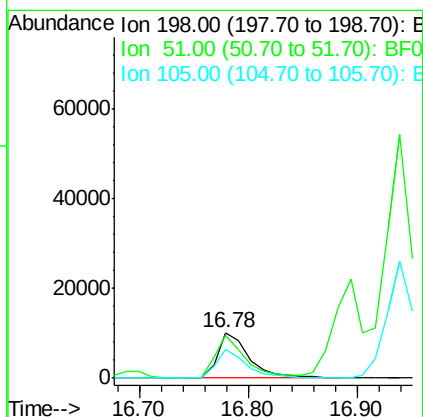
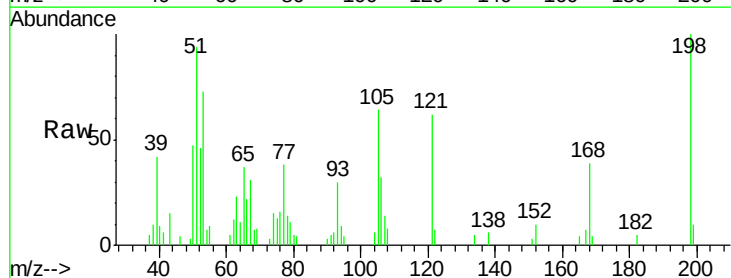
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

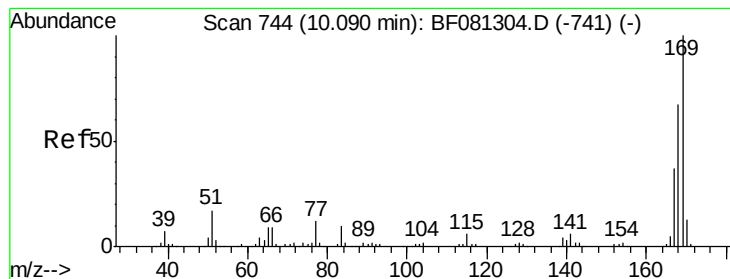
Tot Ion:188 Resp: 118766
 Ion Ratio Lower Upper
 188 100
 94 8.5 11.1 16.7#
 80 8.8 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.33 ng
 RT: 16.78 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Tgt Ion:198 Resp: 20149
 Ion Ratio Lower Upper
 198 100
 51 93.8 39.6 79.6#
 105 64.1 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 38.42 ng

RT: 16.89 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

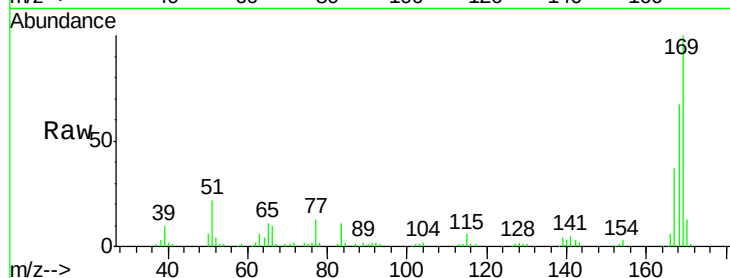
Tot Ion:169 Resp: 166021

Ion Ratio Lower Upper

169 100

168 66.6 48.9 73.3

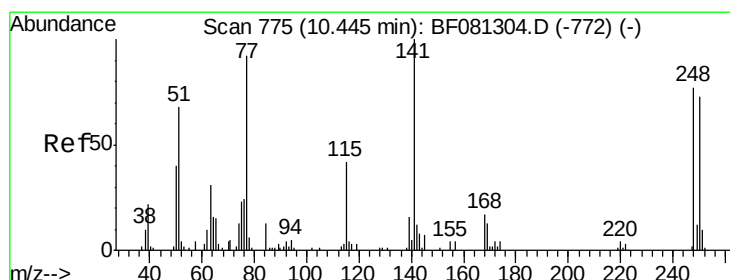
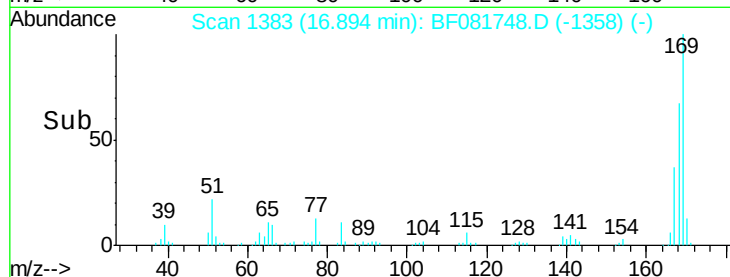
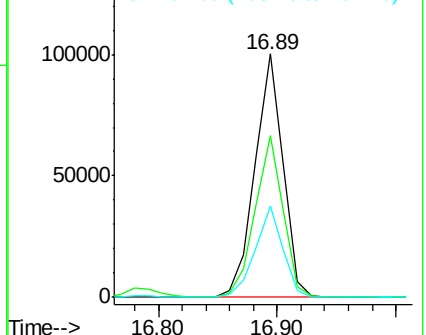
167 37.3 26.2 39.4



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: 42.87 ng

RT: 17.72 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

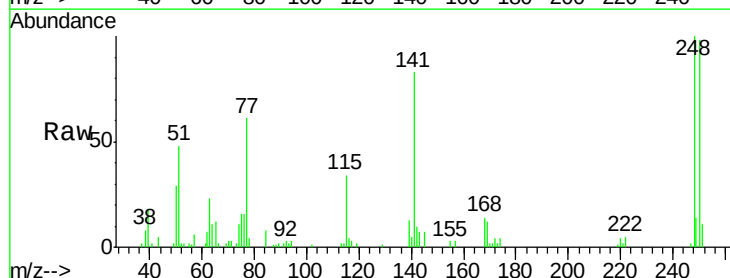
Tgt Ion:248 Resp: 51486

Ion Ratio Lower Upper

248 100

250 98.2 78.5 117.7

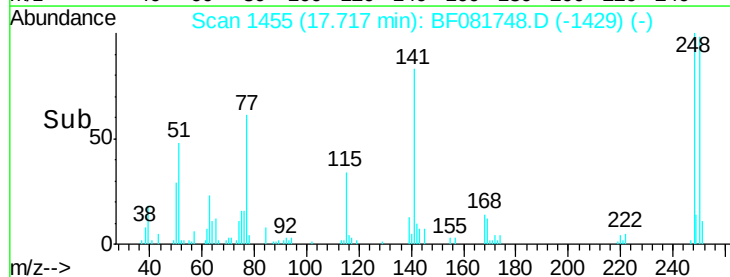
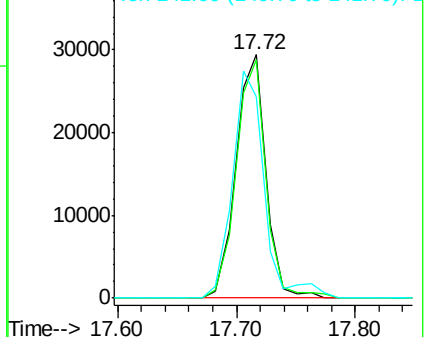
141 82.7 59.0 88.6

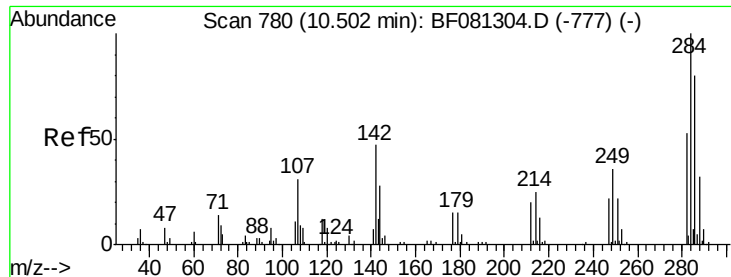


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

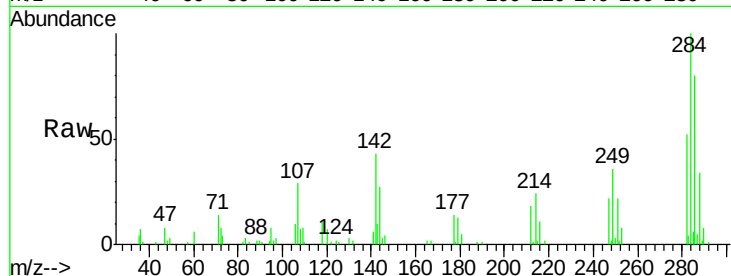




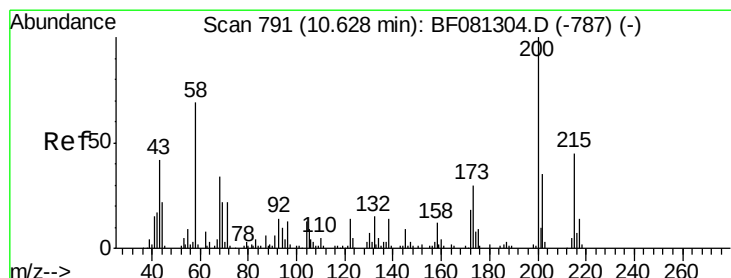
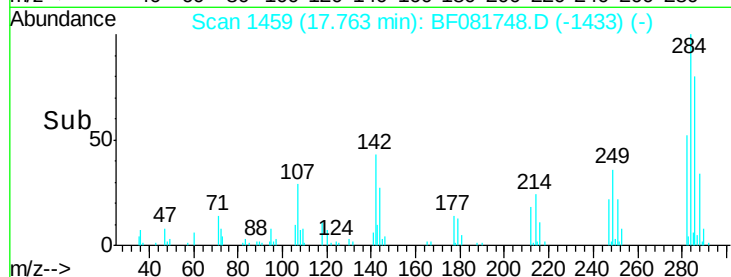
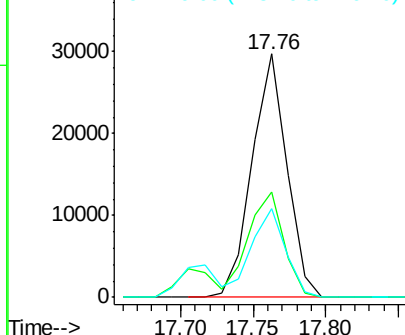
#67
Hexachlorobenzene
Concen: 39.40 ng
RT: 17.76 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.5	29.5	44.3
249	36.2	19.5	29.3

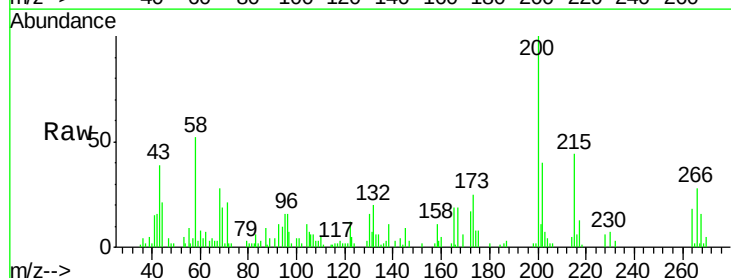


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

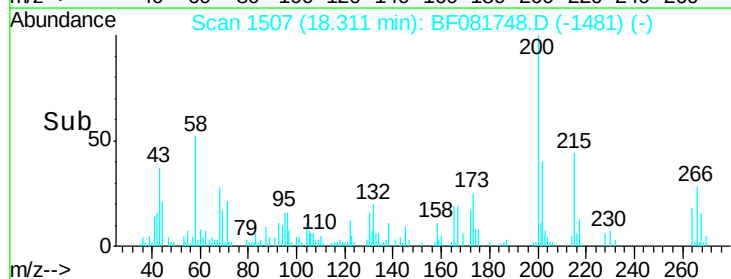
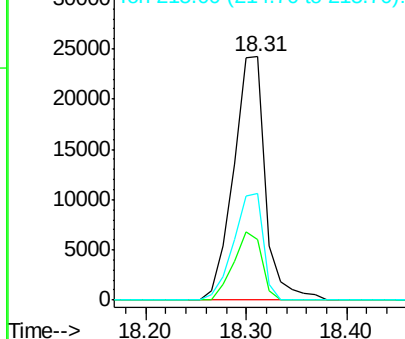


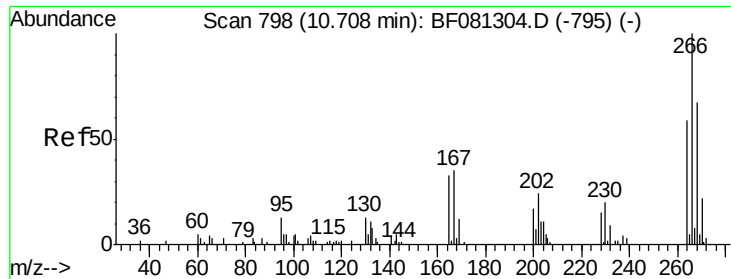
#68
Atrazine
Concen: 42.57 ng
RT: 18.31 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	13.2	53.2
215	43.6	41.8	81.8



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

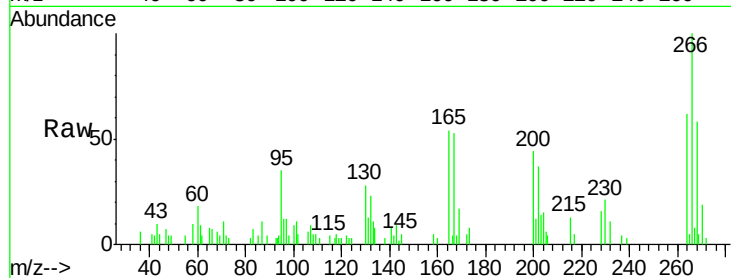




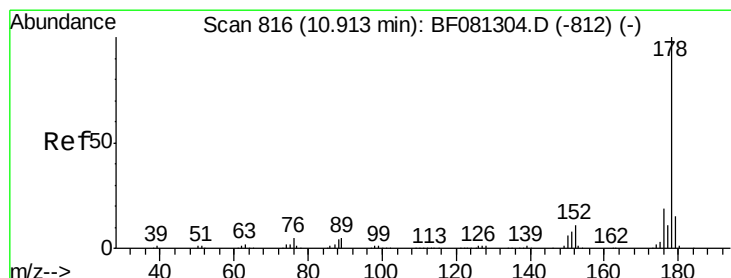
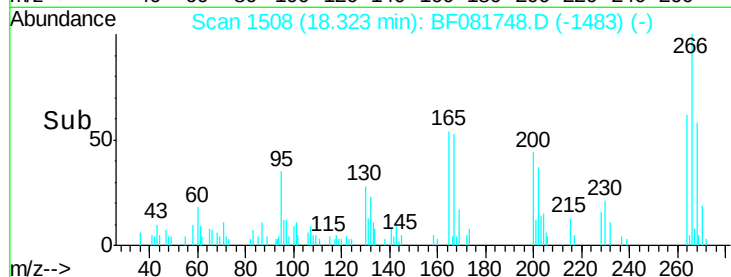
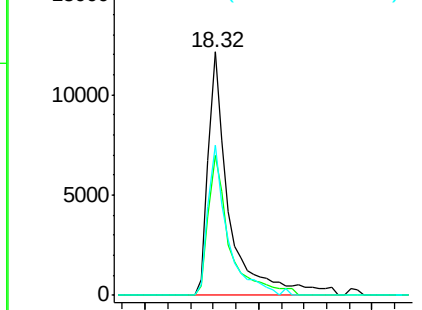
#69
 Pentachlorophenol
 Concen: 53.36 ng
 RT: 18.32 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:266 Resp: 30620
 Ion Ratio Lower Upper
 266 100
 268 57.6 49.8 74.6
 264 61.6 50.2 75.2

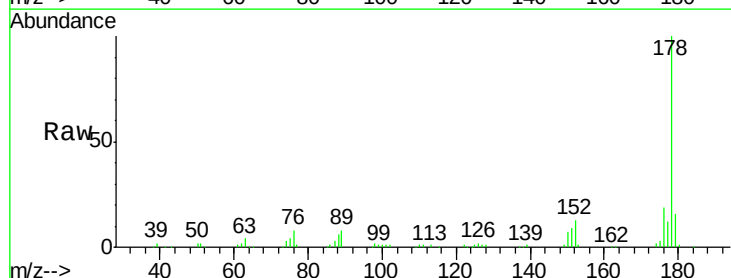


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

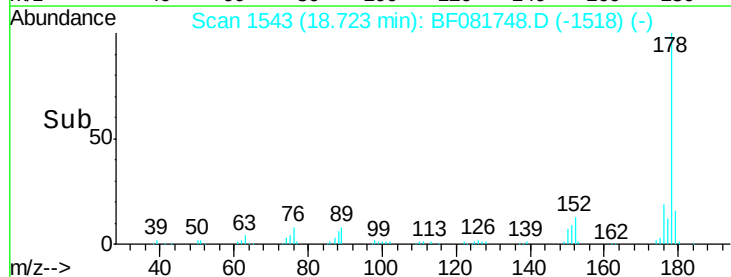
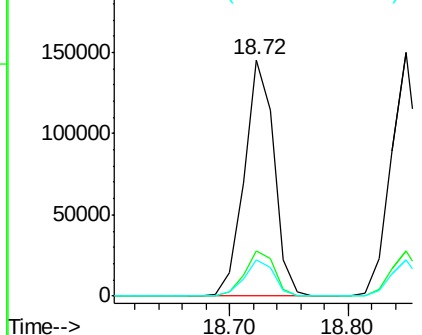


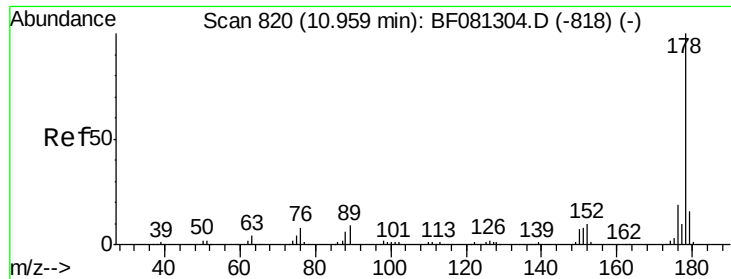
#70
 Phenanthrene
 Concen: 38.59 ng
 RT: 18.72 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Tgt Ion:178 Resp: 254788
 Ion Ratio Lower Upper
 178 100
 176 19.3 13.8 20.8
 179 15.6 12.2 18.2



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

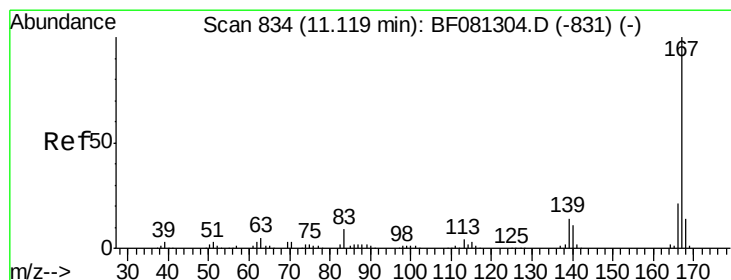
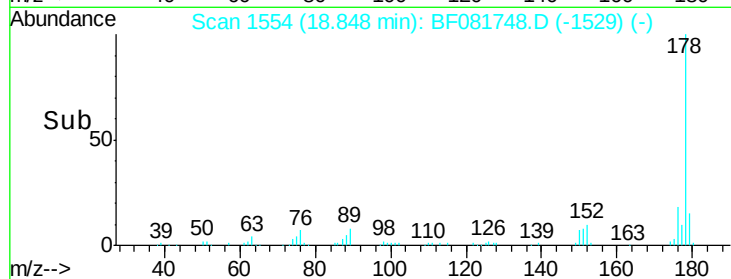
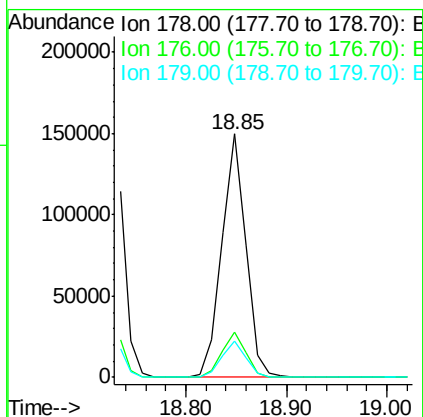
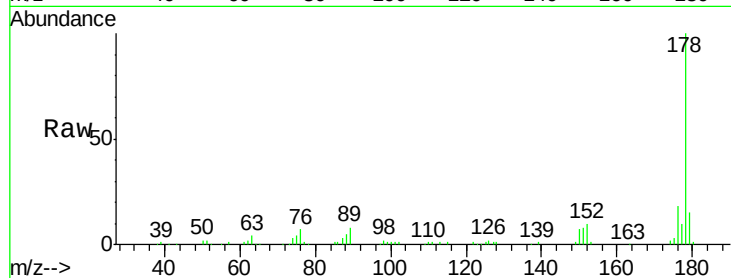




#71
 Anthracene
 Concen: 36.79 ng
 RT: 18.85 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

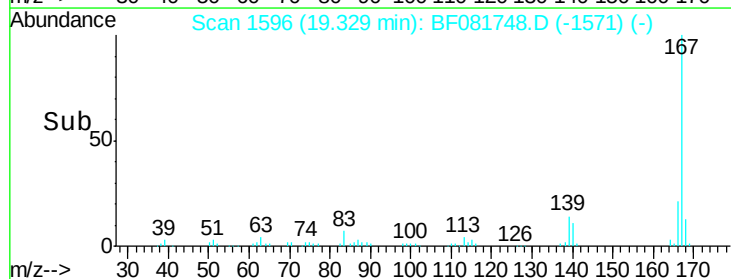
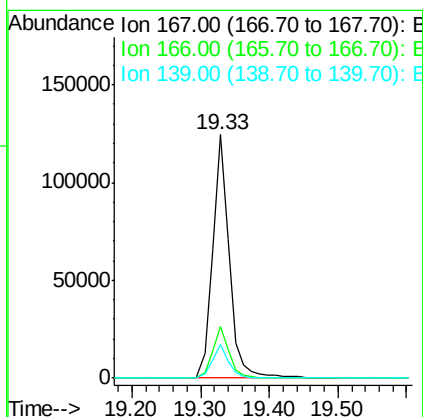
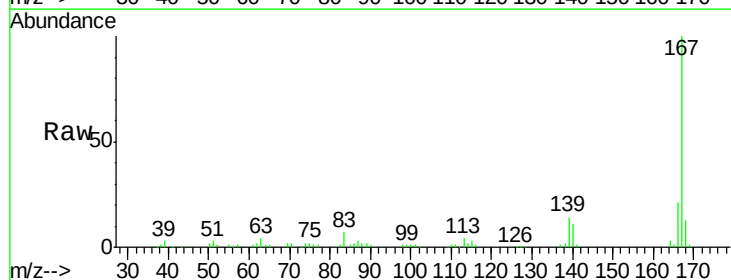
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

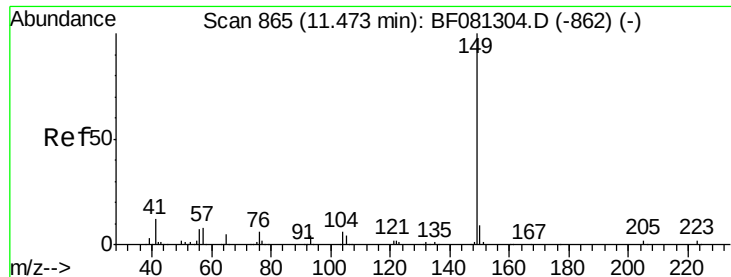
Tot Ion:178 Resp: 249532
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.1 21.1
 179 14.8 12.2 18.2



#72
 Carbazole
 Concen: 33.60 ng
 RT: 19.33 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF081748.D
 Acq: 22 Sep 2015 20:02

Tgt Ion:167 Resp: 213896
 Ion Ratio Lower Upper
 167 100
 166 21.2 15.7 23.5
 139 13.9 9.5 14.3





#73

Di-n-butylphthalate

Concen: 40.99 ng

RT: 20.38 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

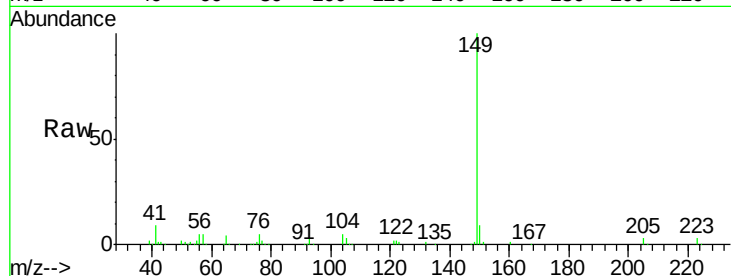
Tot Ion:149 Resp: 308147

Ion Ratio Lower Upper

149 100

150 8.6 7.4 11.2

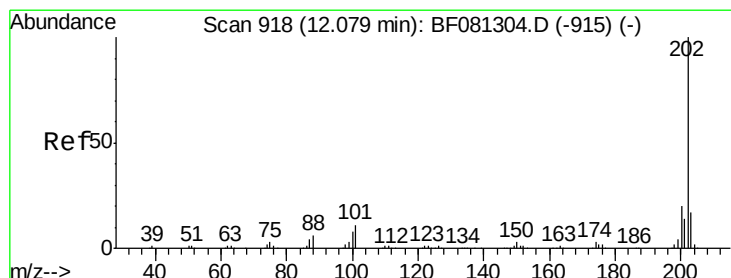
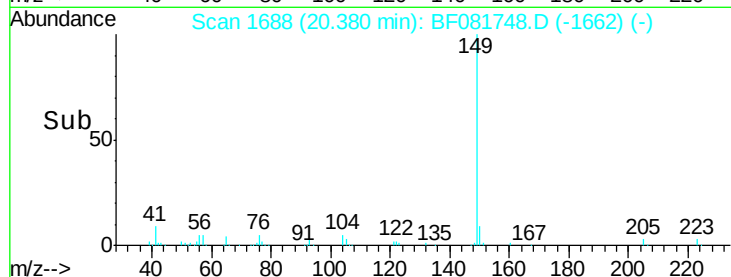
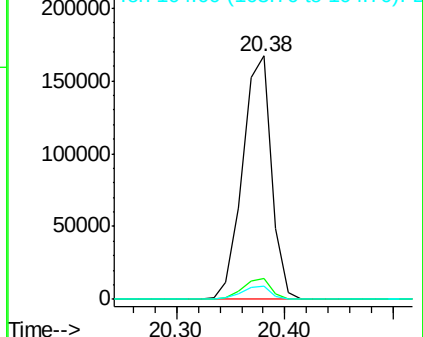
104 5.2 2.4 3.6#



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: 33.07 ng

RT: 21.36 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

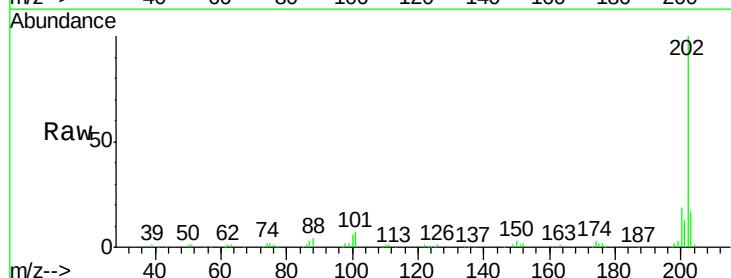
Tgt Ion:202 Resp: 236341

Ion Ratio Lower Upper

202 100

101 7.2 0.0 38.3

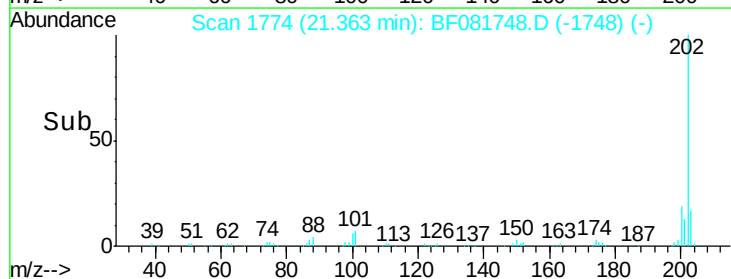
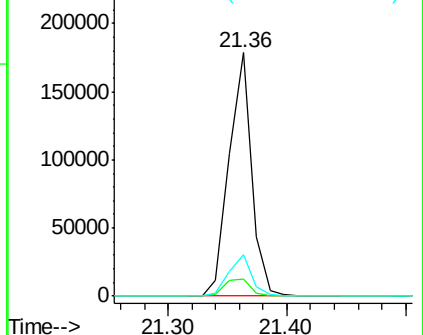
203 17.0 0.0 37.3

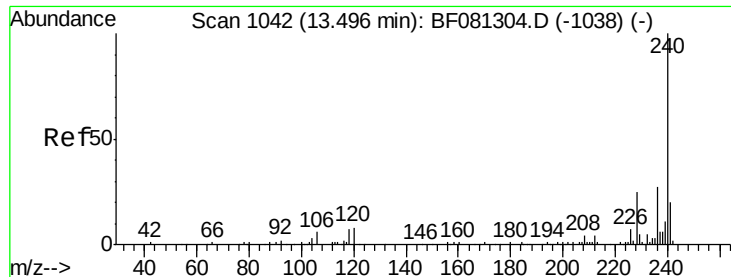


Abundance Ion 202.00 (201.70 to 202.70): E

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: 23.33 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

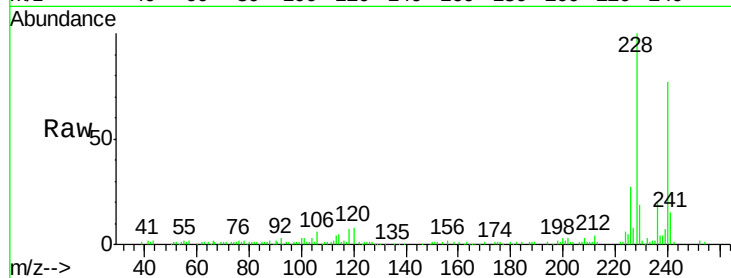
Tot Ion:240 Resp: 74189

Ion Ratio Lower Upper

240 100

120 10.1 16.2 24.2#

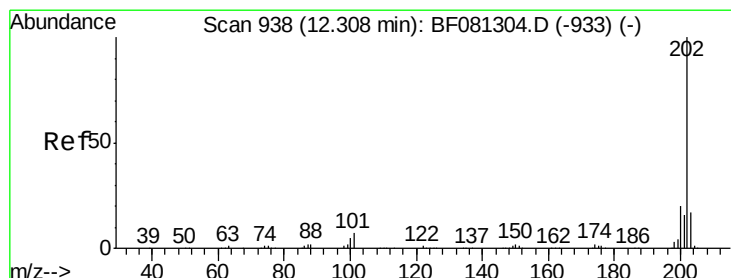
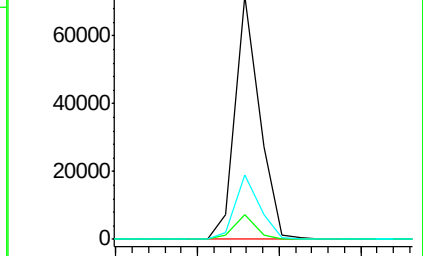
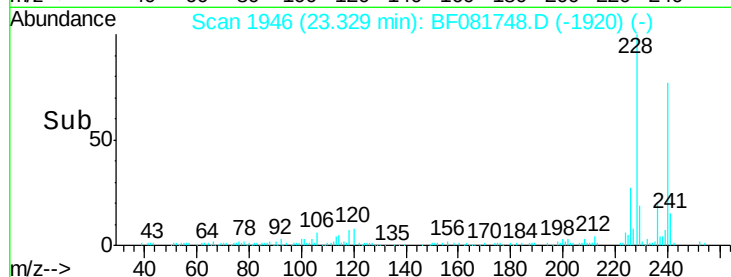
236 26.2 18.4 27.6



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



#77

Pyrene

Concen: 42.58 ng

RT: 21.72 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

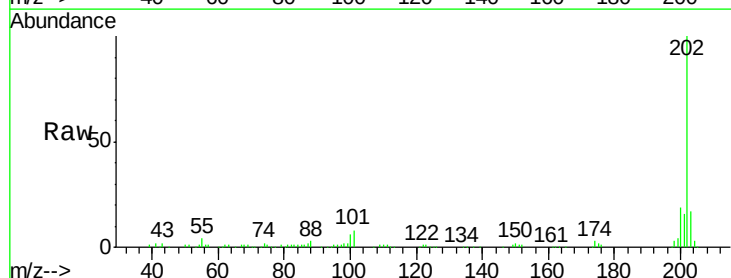
Tgt Ion:202 Resp: 233989

Ion Ratio Lower Upper

202 100

200 19.4 15.0 22.4

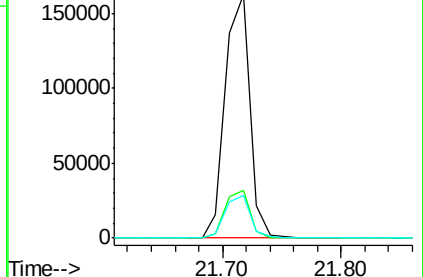
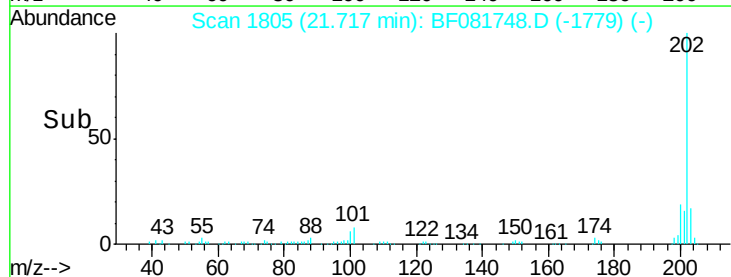
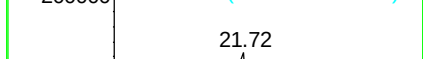
203 17.4 14.1 21.1

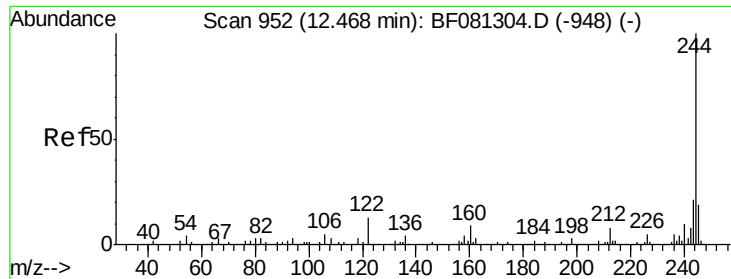


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 97.44 ng

RT: 22.05 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

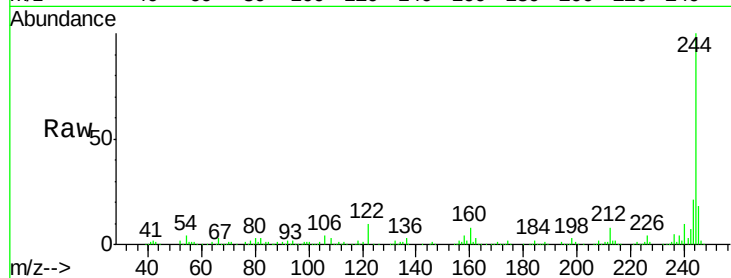
Tot Ion:244 Resp: 310538

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

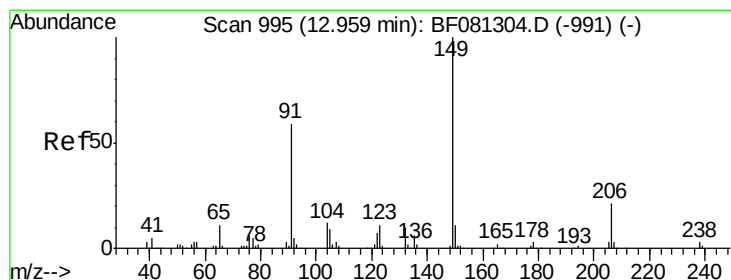
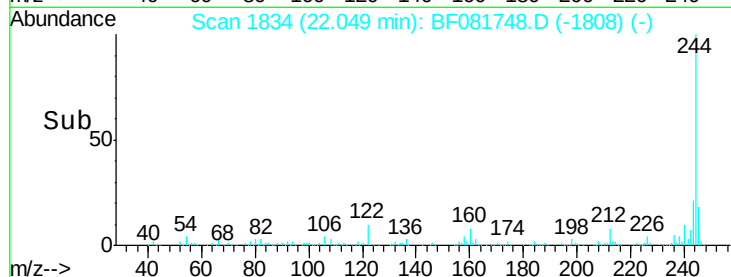
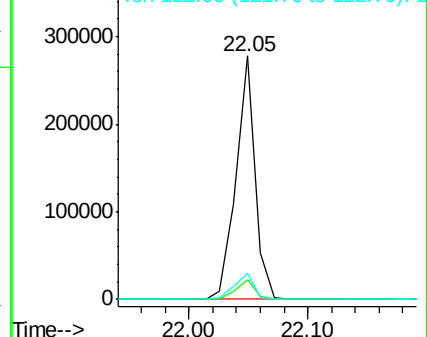
122 10.5 17.4 26.2#



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: 40.56 ng

RT: 22.75 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

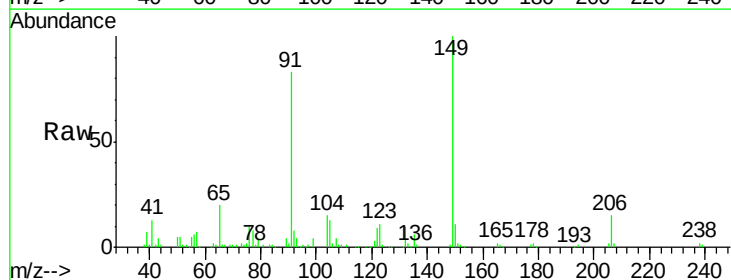
Tgt Ion:149 Resp: 96931

Ion Ratio Lower Upper

149 100

91 83.3 48.6 72.8#

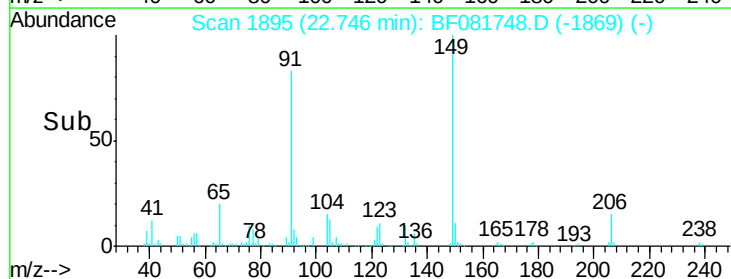
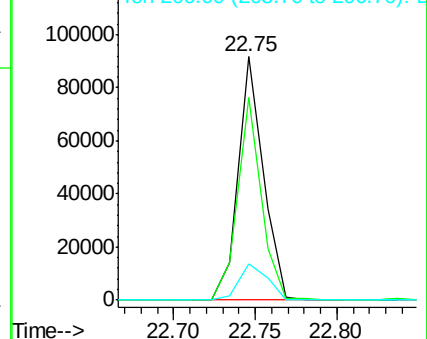
206 14.8 14.9 22.3#

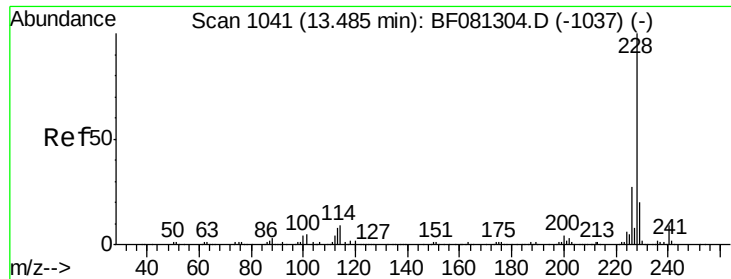


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.18 ng

RT: 23.32 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

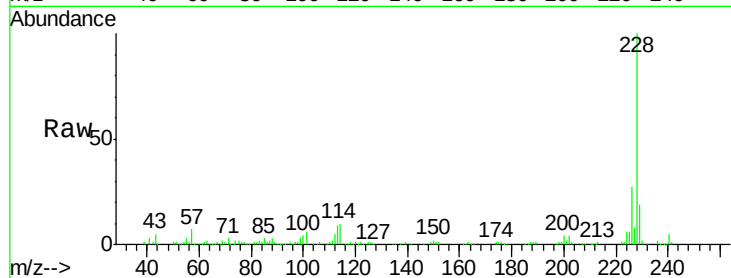
Tot Ion:228 Resp: 175656

Ion Ratio Lower Upper

228 100

226 27.1 20.0 30.0

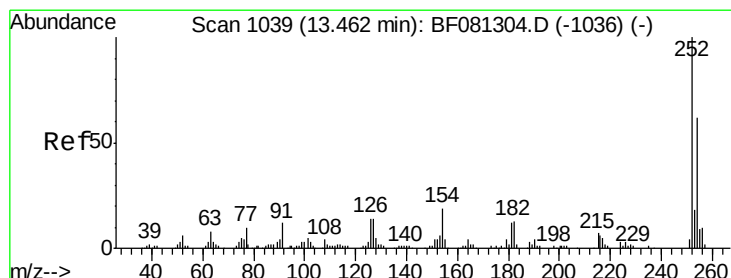
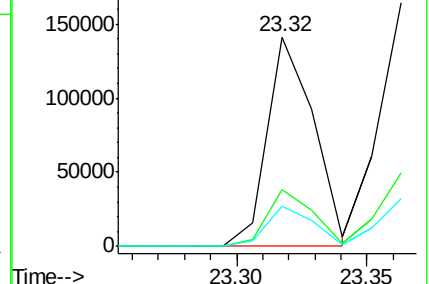
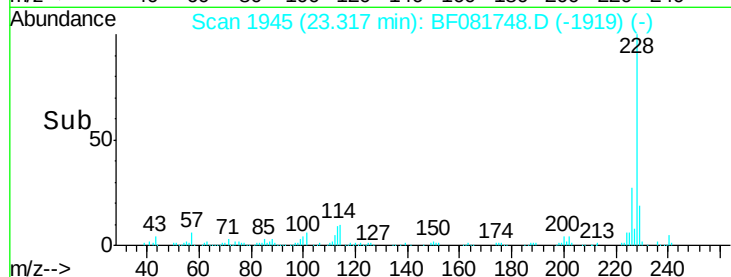
229 19.4 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 4.55 ng

RT: 23.34 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

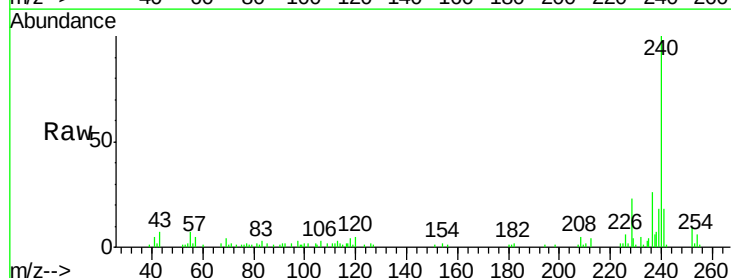
Tgt Ion:252 Resp: 7250

Ion Ratio Lower Upper

252 100

254 57.5 51.4 77.2

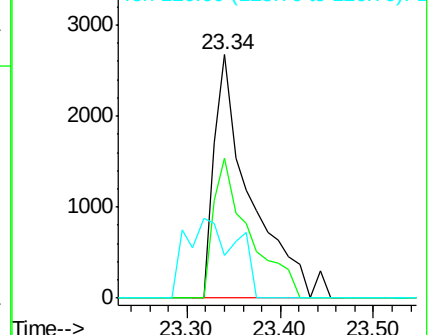
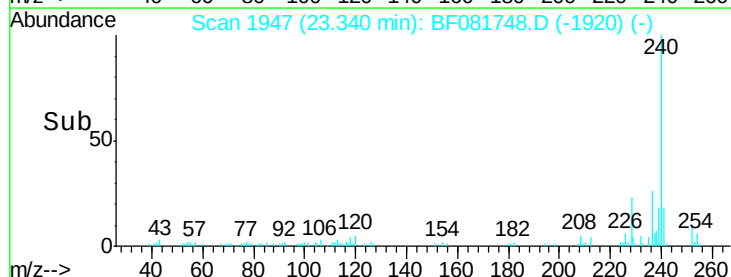
126 17.3 16.4 24.6

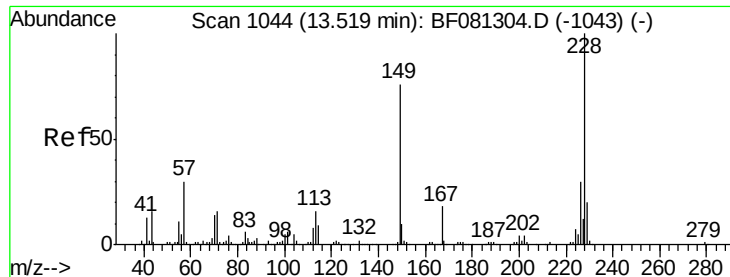


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 40.42 ng

RT: 23.36 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

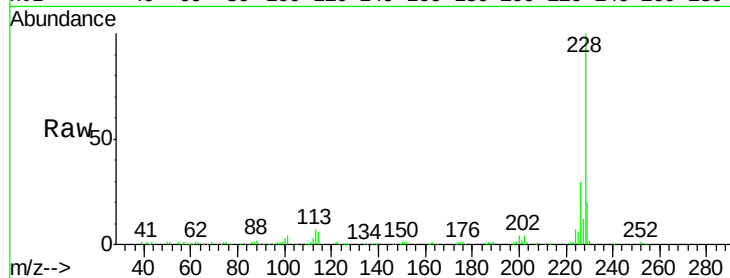
Tot Ion:228 Resp: 171186

Ion Ratio Lower Upper

228 100

226 30.3 21.0 31.4

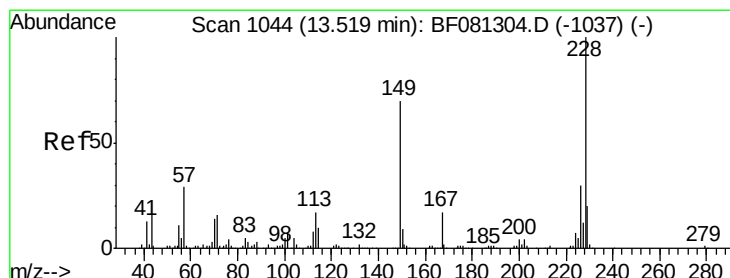
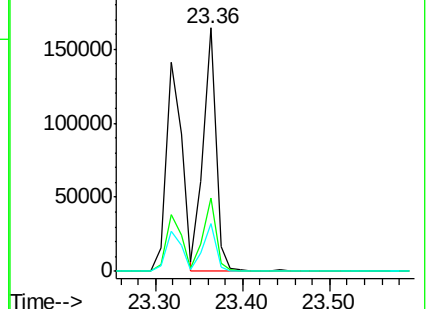
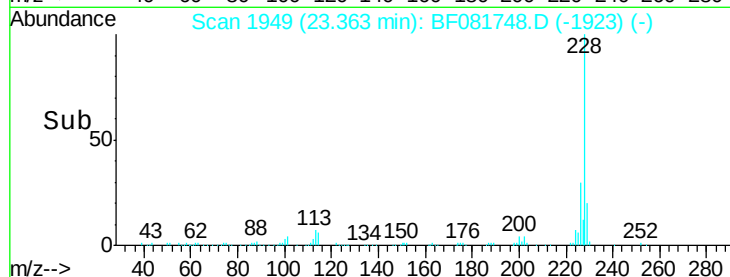
229 19.8 15.6 23.4



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: 40.62 ng

RT: 23.44 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

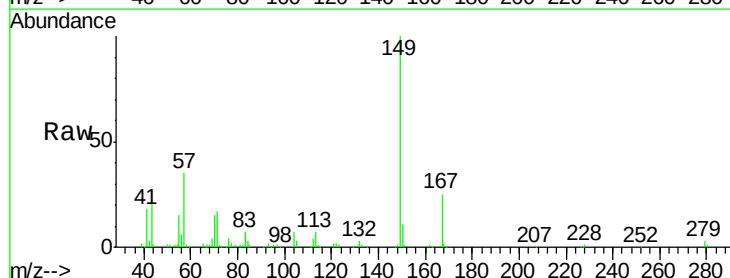
Tgt Ion:149 Resp: 128117

Ion Ratio Lower Upper

149 100

167 24.9 24.2 36.2

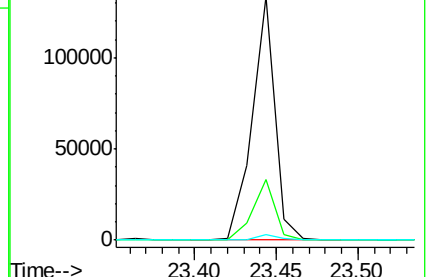
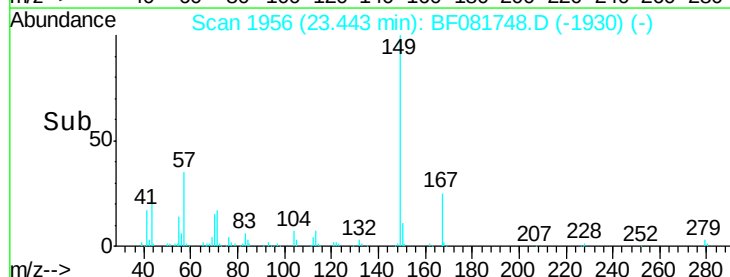
279 2.5 3.8 5.6#

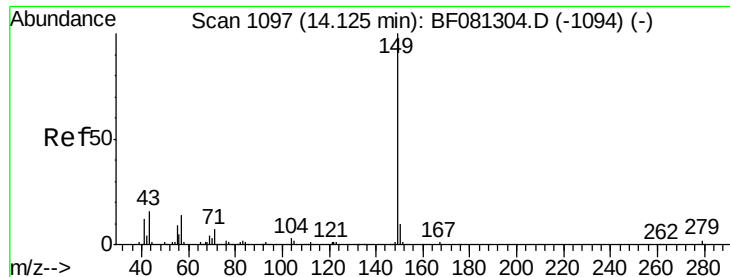


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

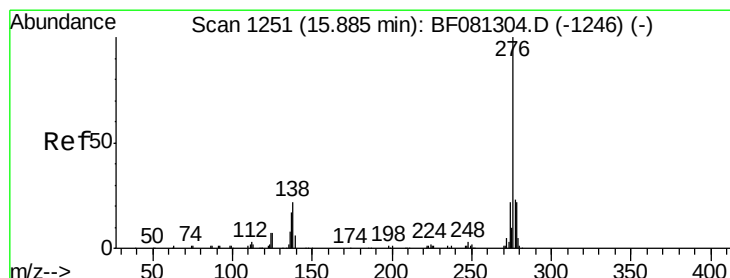
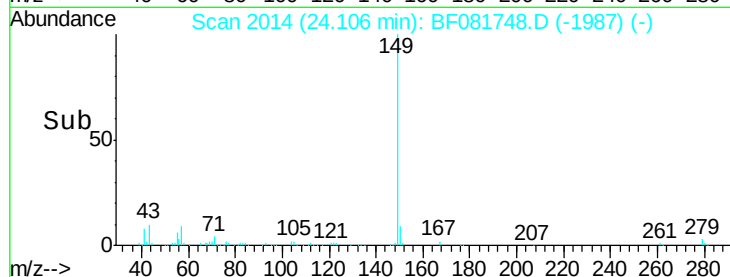
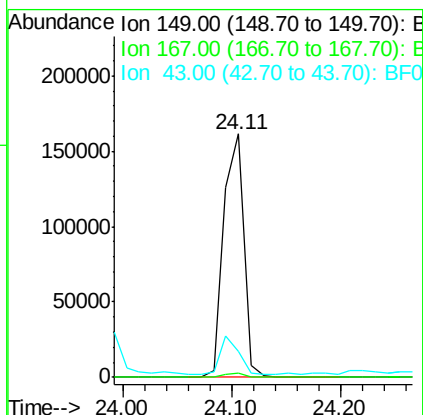
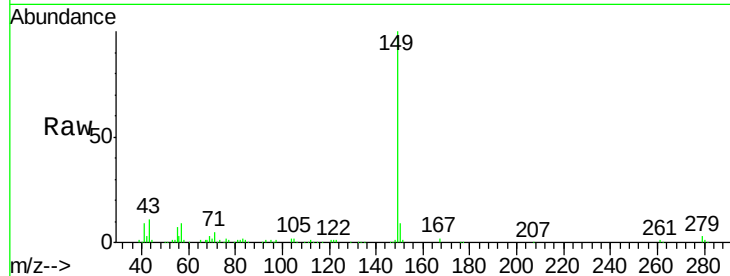




#84
Di-n-octyl phthalate
Concen: 39.98 ng
RT: 24.11 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

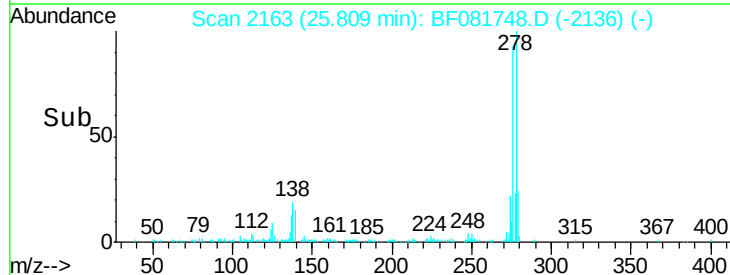
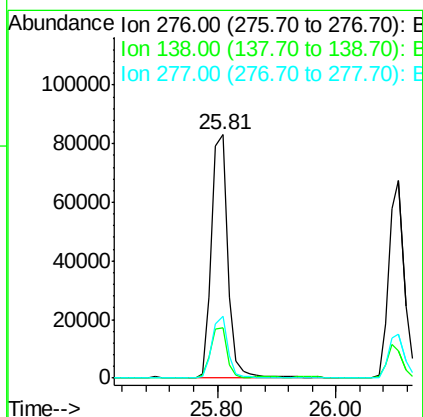
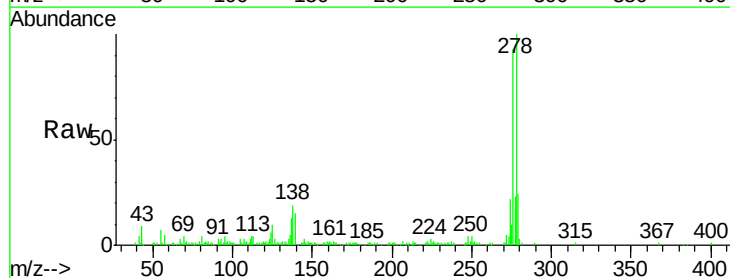
Instrument :
BNA_F
ClientSampleId :
SP-1MS

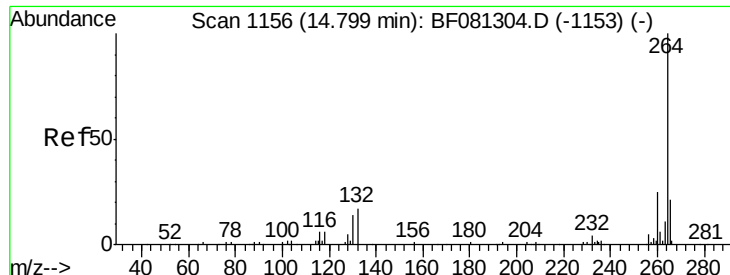
Tot Ion:149 Resp: 207629
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 14.1 10.2 15.2



#85
Indeno(1,2,3-cd)pyrene
Concen: 51.72 ng
RT: 25.81 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

Tgt Ion:276 Resp: 160719
Ion Ratio Lower Upper
276 100
138 20.7 25.7 38.5#
277 24.2 15.6 23.4#

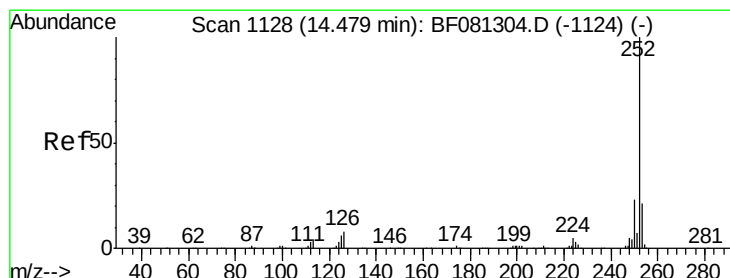
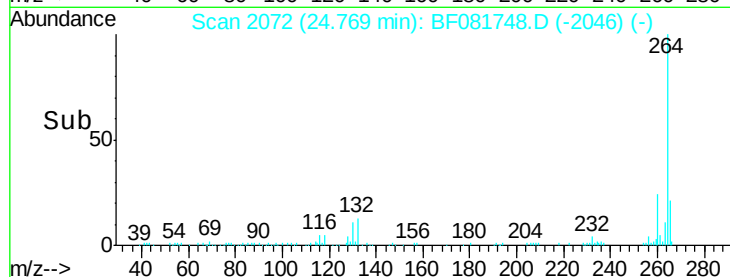
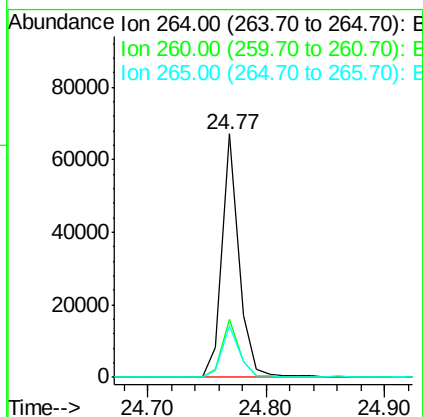
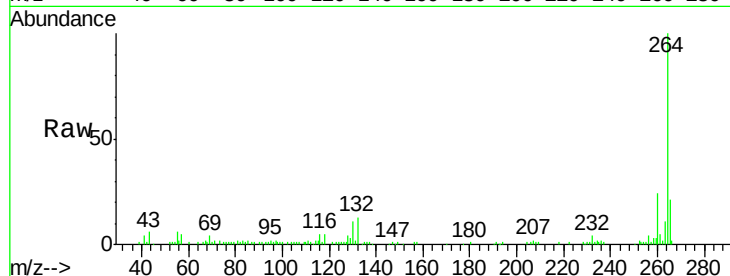




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.77 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

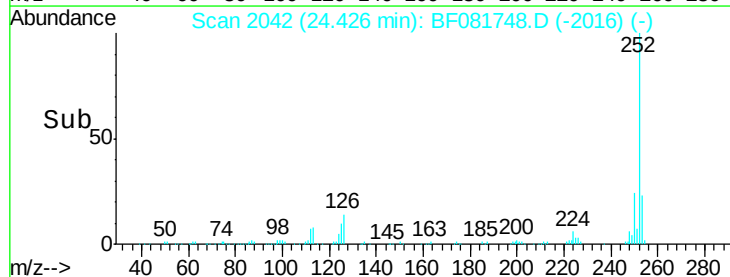
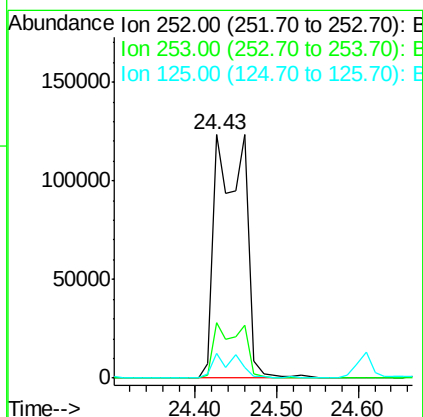
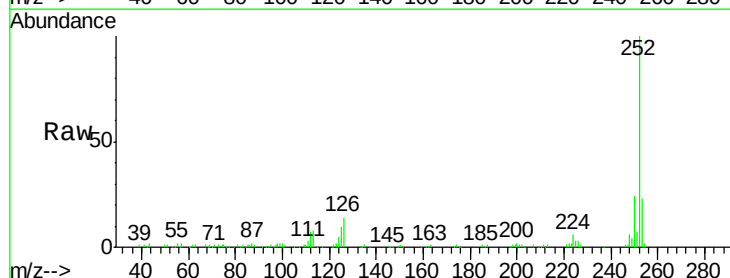
Instrument :
BNA_F
ClientSampleId :
SP-1MS

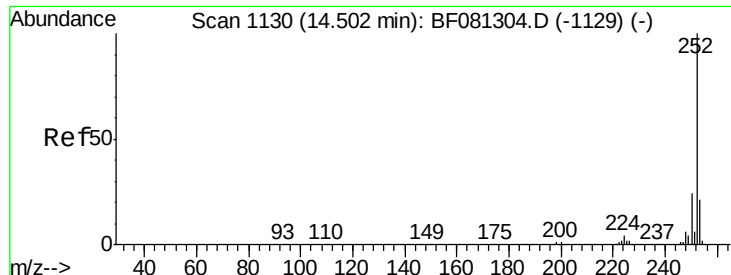
Tot Ion:264 Resp: 66194
Ion Ratio Lower Upper
264 100
260 24.0 16.7 25.1
265 21.5 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 66.82 ng
RT: 24.43 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

Tgt Ion:252 Resp: 315769
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.4 17.1 25.7#

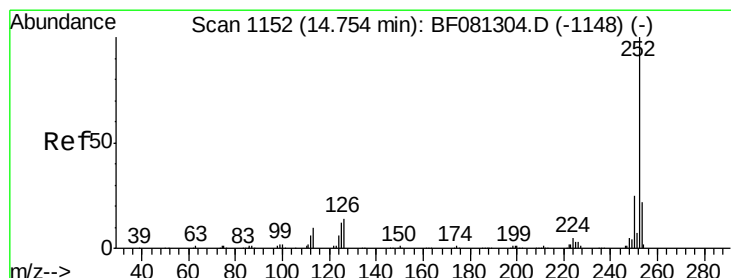
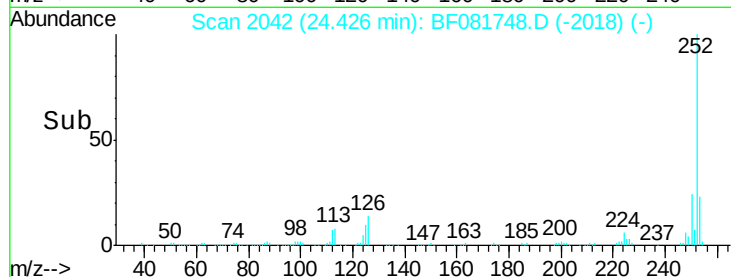
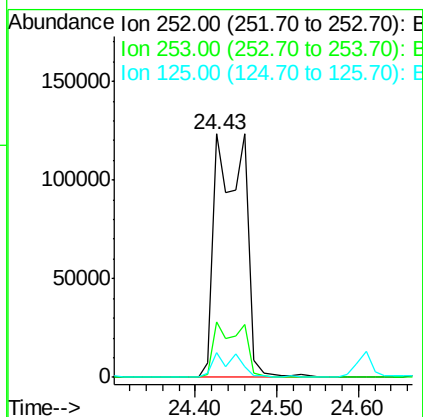
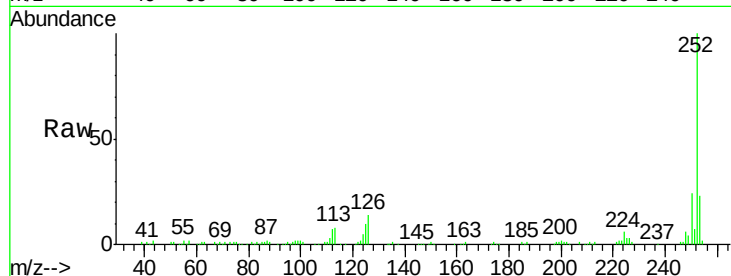




#88
Benzo(k)fluoranthene
Concen: 80.53 ng
RT: 24.43 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

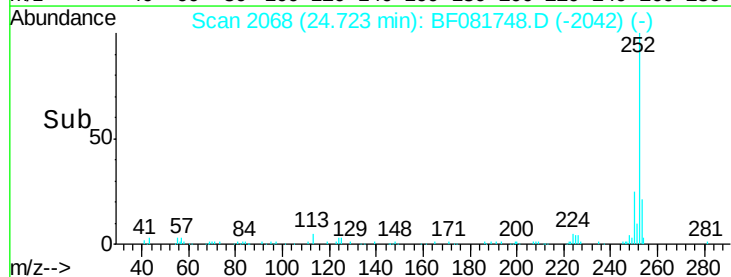
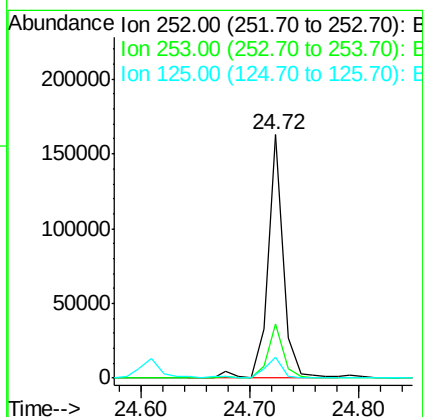
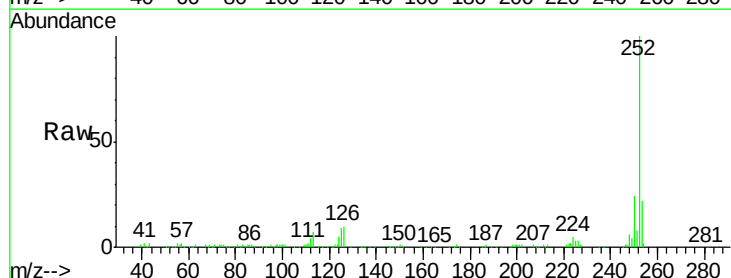
Instrument :
BNA_F
ClientSampleId :
SP-1MS

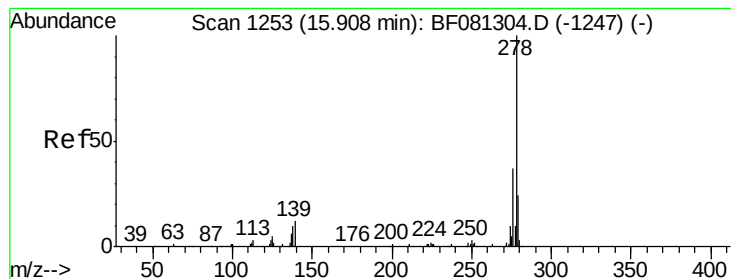
Tot Ion:252 Resp: 315769
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 10.4 16.0 24.0#



#89
Benzo(a)pyrene
Concen: 40.43 ng
RT: 24.72 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BF081748.D
Acq: 22 Sep 2015 20:02

Tgt Ion:252 Resp: 161891
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 8.5 18.0 27.0#





#90

Dibenzo(a,h)anthracene

Concen: 43.05 ng

RT: 25.81 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

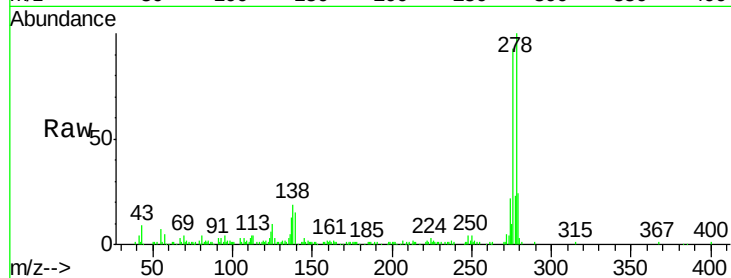
Tot Ion:278 Resp: 133199

Ion Ratio Lower Upper

278 100

139 15.5 26.3 39.5#

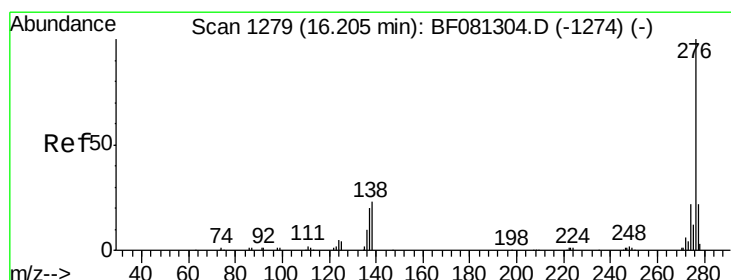
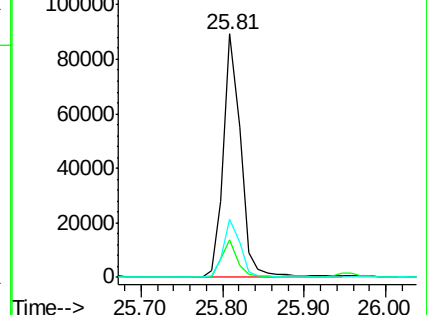
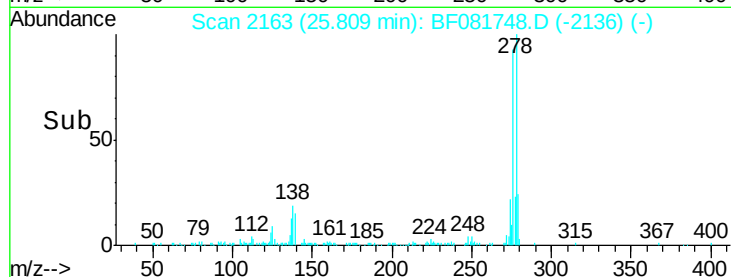
279 24.0 18.2 27.4



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: 42.69 ng

RT: 26.11 min Scan# 2189

Delta R.T. 0.02 min

Lab File: BF081748.D

Acq: 22 Sep 2015 20:02

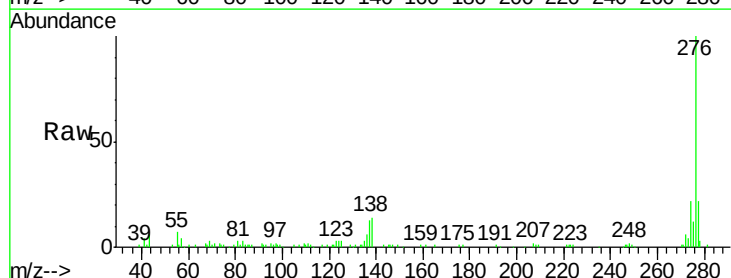
Tgt Ion:276 Resp: 126091

Ion Ratio Lower Upper

276 100

277 22.4 17.8 26.6

138 13.9 34.6 51.8#



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

