

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
 Data File : BF078753.D
 Acq On : 23 Apr 2015 17:30
 Operator : TP/IZ
 Sample : G1938-14MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Quant Time: Apr 24 01:28:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 00:49:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	24952	20.00	ng	0.01
21) Naphthalene-d8	7.92	136	101601	20.00	ng	0.01
38) Acenaphthene-d10	11.10	164	51989	20.00	ng	0.00
63) Phenanthrene-d10	13.83	188	102647	20.00	ng	0.00
75) Chrysene-d12	17.71	240	108569	20.00	ng	0.00
86) Perylene-d12	19.45	264	112586	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	3.77	112	198125	130.92	ng	0.00
7) Phenol-d6	5.27	99	256824	135.41	ng	0.01
23) Nitrobenzene-d5	6.70	82	145206	86.63	ng	0.00
41) 2,4,6-Tribromophenol	12.57	330	62118	144.07	ng	0.00
44) 2-Fluorobiphenyl	9.93	172	303478	83.44	ng	0.00
78) Terphenyl-d14	16.38	244	353973	73.67	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.35	88	22694	33.16	ng	94
3) Pyridine	1.83	79	58605	32.69	ng	96
4) n-Nitrosodimethylamine	1.78	42	31932	46.28	ng	91
6) Aniline	5.24	93	59745	22.21	ng	89
8) 2-Chlorophenol	5.42	128	76677	42.85	ng	100
9) Benzaldehyde	5.06	77	8738	6.95	ng	89
10) Phenol	5.28	94	97571	42.94	ng	94
11) bis(2-Chloroethyl)ether	5.39	93	67577	41.35	ng	99
12) 1,3-Dichlorobenzene	5.66	146	78464	39.92	ng	# 92
13) 1,4-Dichlorobenzene	5.78	146	80157	40.51	ng	99
14) 1,2-Dichlorobenzene	6.01	146	76497	41.23	ng	98
15) Benzyl Alcohol	6.03	79	64268	48.22	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.27	45	90249	41.40	ng	68
17) 2-Methylphenol	6.26	107	60810	43.77	ng	95
18) Hexachloroethane	6.56	117	27244	40.83	ng	# 80
19) n-Nitroso-di-n-propylamine	6.49	70	53864	43.04	ng	93
20) 3+4-Methylphenols	6.54	107	79975	43.15	ng	97
22) Acetophenone	6.46	105	107123	45.25	ng	# 92
24) Nitrobenzene	6.73	77	76202	43.49	ng	90
25) Isophorone	7.15	82	139571	43.87	ng	# 93
26) 2-Nitrophenol	7.28	139	36952	44.25	ng	95
27) 2,4-Dimethylphenol	7.44	122	68048	43.82	ng	96
28) bis(2-Chloroethoxy)methane	7.60	93	85918	42.12	ng	99
29) 2,4-Dichlorophenol	7.72	162	64609	45.74	ng	95
30) 1,2,4-Trichlorobenzene	7.84	180	66898	41.30	ng	99
31) Naphthalene	7.95	128	221435	41.87	ng	99
32) Benzoic acid	7.63	122	6221	13.28	ng	91
33) 4-Chloroaniline	8.11	127	55797	25.43	ng	99
34) Hexachlorobutadiene	8.20	225	35939	40.41	ng	94
35) Caprolactam	8.73	113	19144	45.40	ng	96
36) 4-Chloro-3-methylphenol	9.07	107	68781	48.26	ng	96
37) 2-Methylnaphthalene	9.21	142	149984	41.77	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.52	216	66156	41.07	ng	99
40) Hexachlorocyclopentadiene	9.51	237	35365	53.47	ng	95

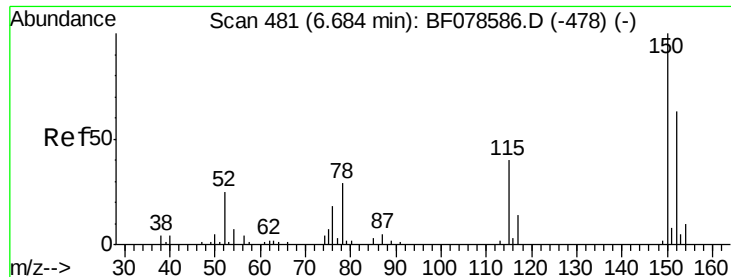
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.77	196	44569	43.87	nq	98
43) 2,4,5-Trichlorophenol	9.85	196	45482	42.85	nq	# 91
45) 1,1'-Biphenyl	10.09	154	179034	42.10	nq	97
46) 2-Chloronaphthalene	10.09	162	137038	40.96	nq	98
47) 2-Nitroaniline	10.33	65	40043	48.37	nq	93
48) Acenaphthylene	10.83	152	227718	42.15	nq	100
49) Dimethylphthalate	10.74	163	195610	50.08	nq	# 98
50) 2,6-Dinitrotoluene	10.82	165	35902	44.68	nq	# 32
51) Acenaphthene	11.15	154	131126	43.11	nq	98
52) 3-Nitroaniline	11.11	138	32444	35.51	nq	99
53) 2,4-Dinitrophenol	11.34	184	11279	46.68	nq	97
54) Dibenzofuran	11.48	168	205443	44.22	nq	98
55) 4-Nitrophenol	11.54	139	50992	75.93	nq	91
56) 2,4-Dinitrotoluene	11.56	165	49271	47.34	nq	# 80
57) Fluorene	12.11	166	167938	44.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.76	232	33486	42.56	nq	96
59) Diethylphthalate	12.06	149	167235	44.41	nq	96
60) 4-Chlorophenyl-phenylether	12.18	204	76474	44.14	nq	# 88
61) 4-Nitroaniline	12.23	138	33014	35.74	nq	91
62) Azobenzene	12.47	77	157958	45.96	nq	92
64) 4,6-Dinitro-2-methylphenol	12.31	198	17188	36.28	nq	79
65) n-Nitrosodiphenylamine	12.42	169	144013	40.56	nq	98
66) 4-Bromophenyl-phenylether	13.07	248	45541	41.89	nq	96
67) Hexachlorobenzene	13.11	284	47091	39.53	nq	# 84
68) Atrazine	13.49	200	54298	52.80	nq	96
69) Pentachlorophenol	13.53	266	33511	65.04	nq	97
70) Phenanthrene	13.87	178	249669	42.05	nq	99
71) Anthracene	13.97	178	242364	41.42	nq	99
72) Carbazole	14.31	167	244939	44.67	nq	100
73) Di-n-butylphthalate	14.99	149	277351	44.65	nq	100
74) Fluoranthene	15.77	202	268957	42.95	nq	95
76) Benzidine	16.03	184	168916	40.41	nq	98
77) Pyrene	16.08	202	278302	40.83	nq	98
79) Butylbenzylphthalate	17.07	149	122669	47.22	nq	98
80) Benzo(a)anthracene	17.70	228	266027	41.18	nq	98
81) 3,3'-Dichlorobenzidine	17.71	252	84710	39.16	nq	98
82) Chrysene	17.75	228	255243	42.06	nq	99
83) Bis(2-ethylhexyl)phthalate	17.85	149	184575	45.30	nq	97
84) Di-n-octyl phthalate	18.64	149	330514	49.41	nq	# 100
85) Indeno(1,2,3-cd)pyrene	20.65	276	303726m	44.10	nq	
87) Benzo(b)fluoranthene	19.02	252	279230	40.13	nq	99
88) Benzo(k)fluoranthene	19.04	252	249332m	40.32	nq	
89) Benzo(a)pyrene	19.38	252	261069	42.99	nq	# 95
90) Dibenzo(a,h)anthracene	20.67	278	244508	40.22	nq	96
91) Benzo(g,h,i)perylene	20.96	276	255124	41.85	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF078753.D

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SB-77DMSD

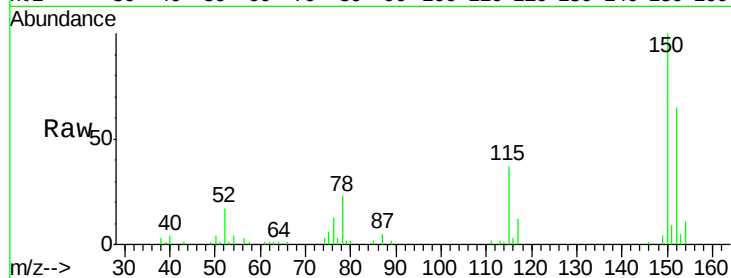
Tot Ion:152 Resp: 24952

Ion Ratio Lower Upper

152 100

150 154.5 125.9 188.9

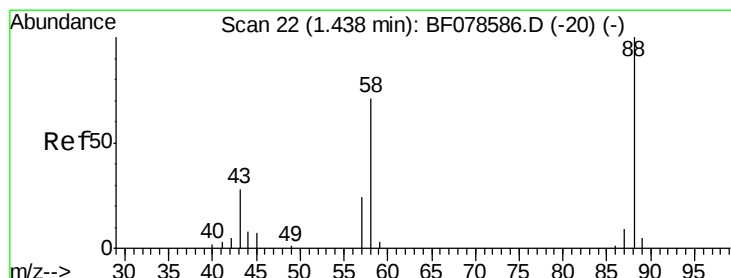
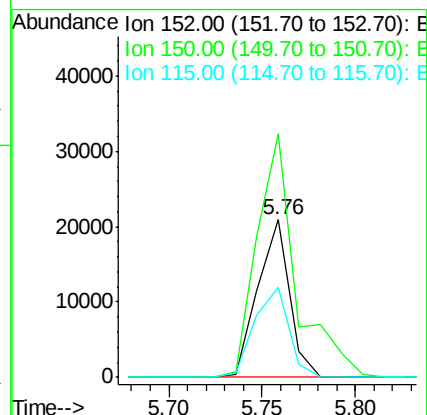
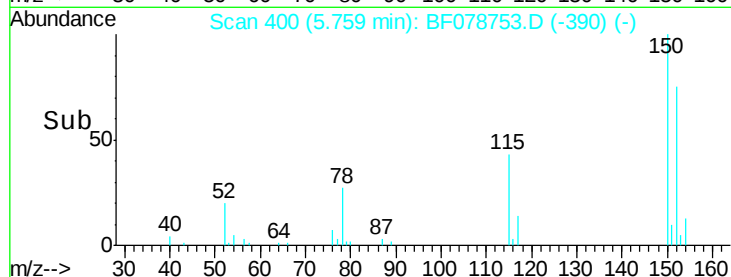
115 57.4 52.7 79.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.16 ng

RT: 1.35 min Scan# 14

Delta R.T. 0.03 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

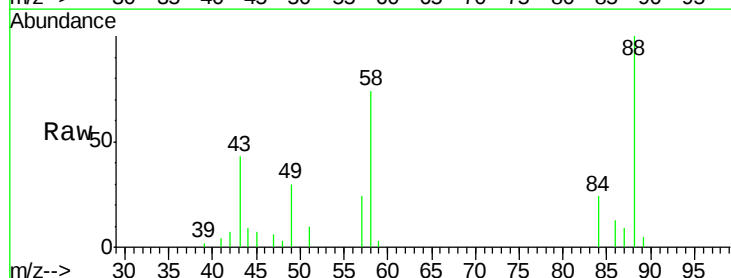
Tgt Ion: 88 Resp: 22694

Ion Ratio Lower Upper

88 100

58 77.1 56.9 85.3

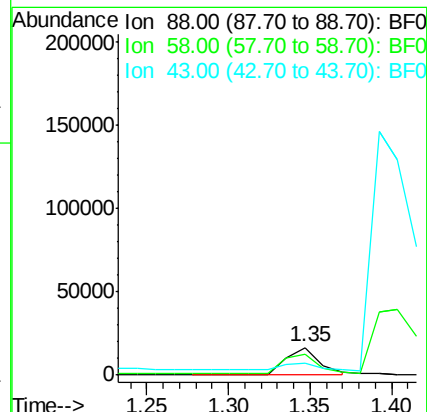
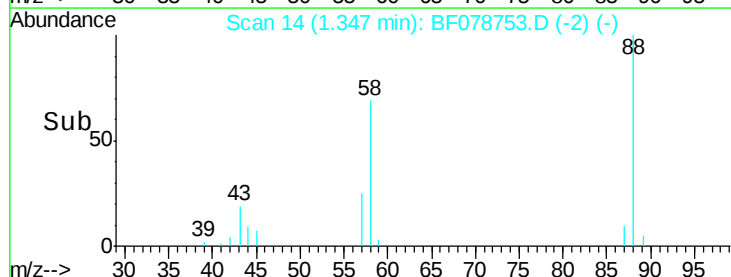
43 25.3 21.4 32.2

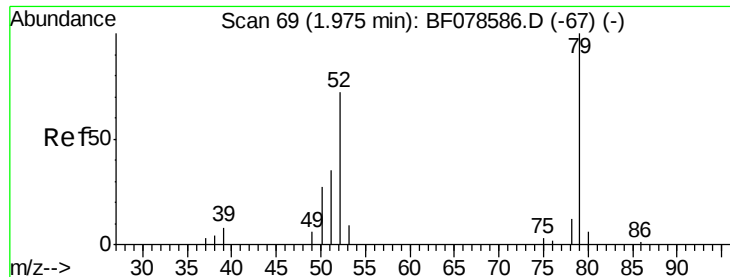


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.69 ng

RT: 1.83 min Scan# 56

Delta R.T. 0.02 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB-77DMSD

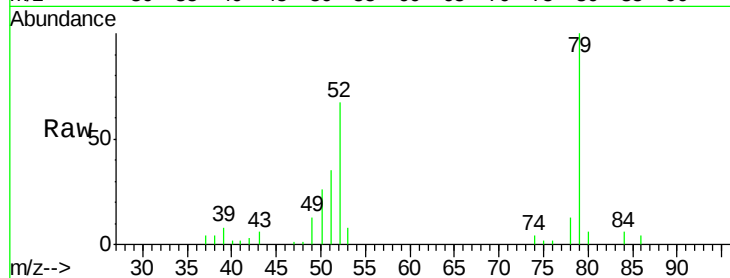
Tot Ion: 79 Resp: 58605

Ion Ratio Lower Upper

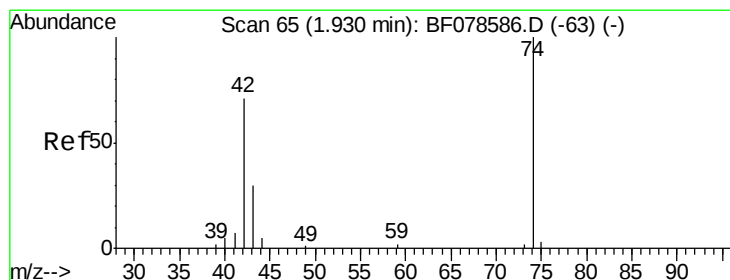
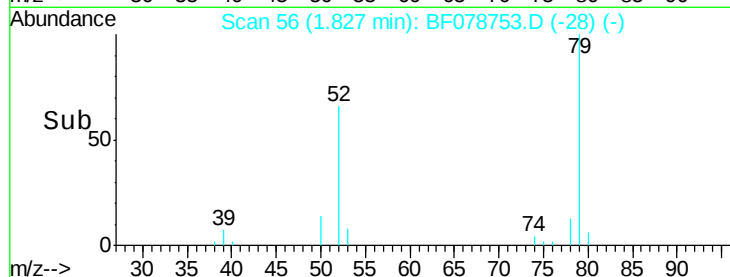
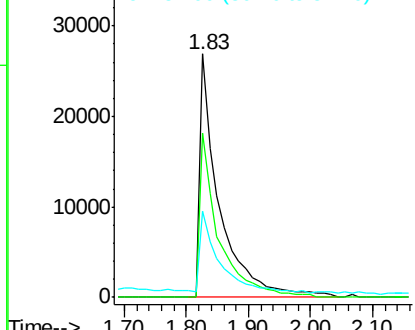
79 100

52 67.3 52.4 78.6

51 35.2 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 46.28 ng

RT: 1.78 min Scan# 52

Delta R.T. 0.02 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

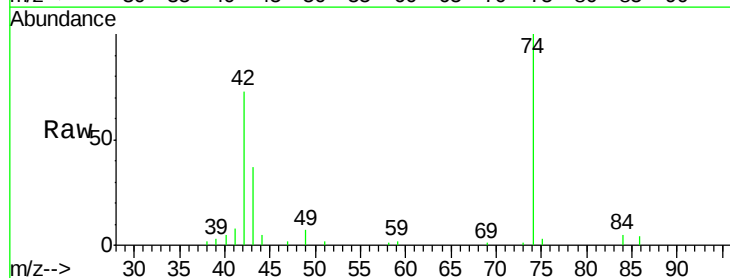
Tgt Ion: 42 Resp: 31932

Ion Ratio Lower Upper

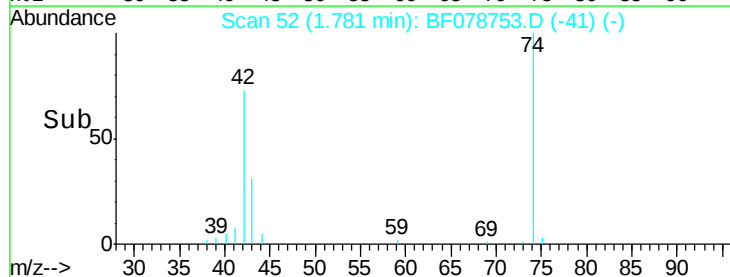
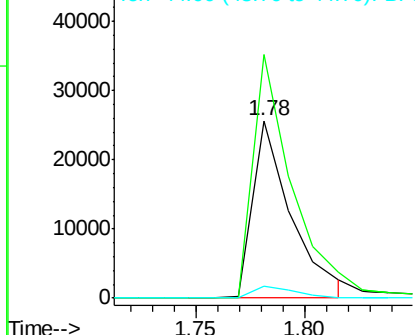
42 100

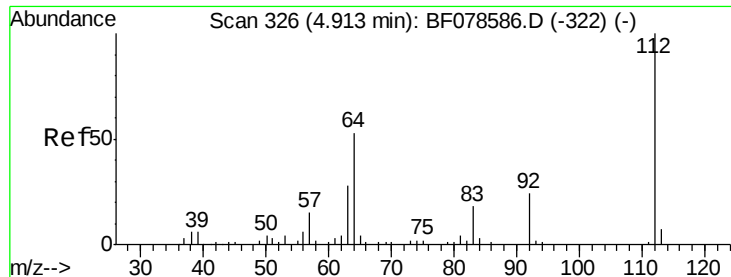
74 137.1 118.7 178.1

44 6.5 5.9 8.9



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.92 ng

RT: 3.77 min Scan# 226

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB-77DMSD

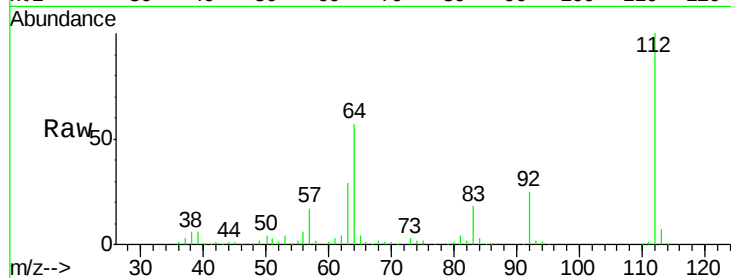
Tot Ion: 112 Resp: 198125

Ion Ratio Lower Upper

112 100

64 56.6 39.9 59.9

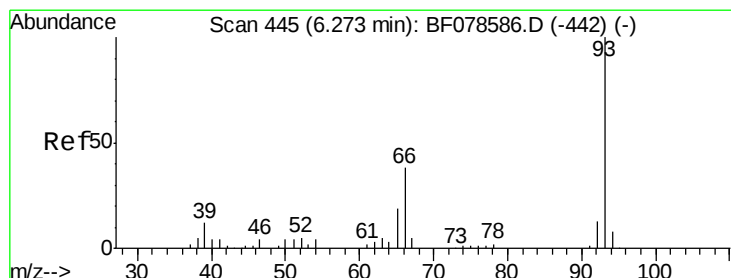
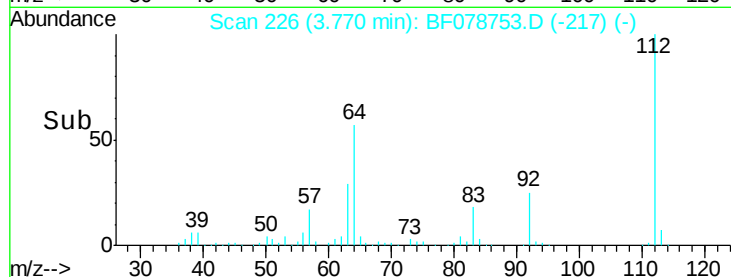
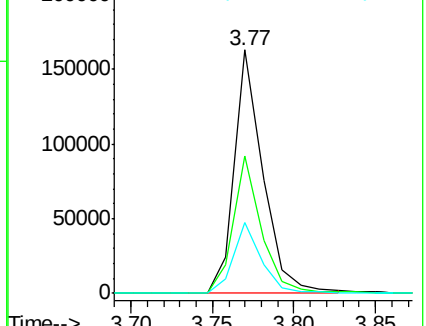
63 29.0 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.21 ng

RT: 5.24 min Scan# 355

Delta R.T. 0.01 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

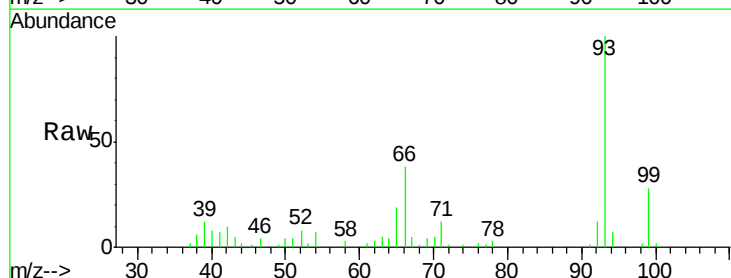
Tgt Ion: 93 Resp: 59745

Ion Ratio Lower Upper

93 100

66 38.4 38.0 57.0

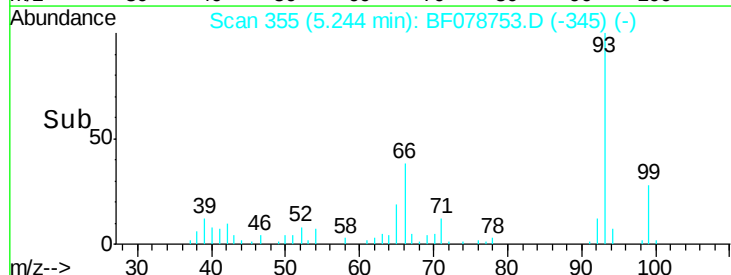
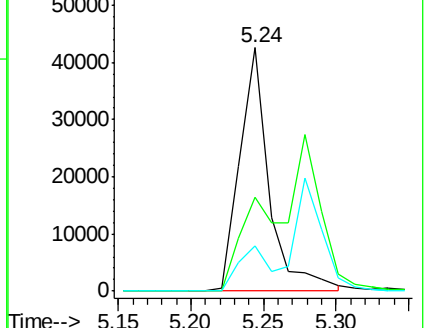
65 18.6 16.3 24.5

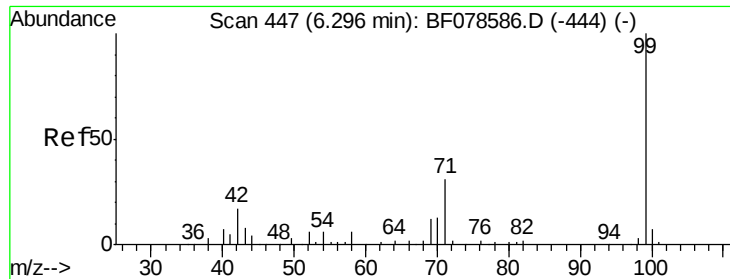


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.41 ng

RT: 5.27 min Scan# 357

Delta R.T. 0.01 min

Lab File: BF078753.D

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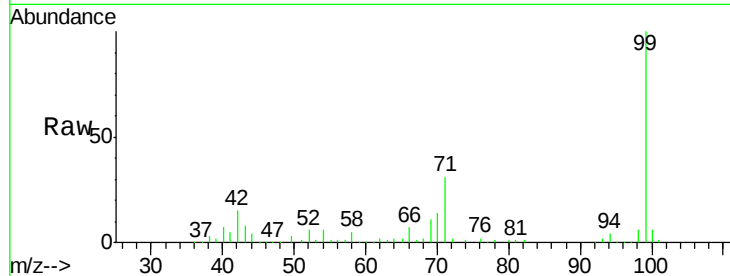
Tot Ion: 99 Resp: 256824

Ion Ratio Lower Upper

99 100

42 15.0 14.8 22.2

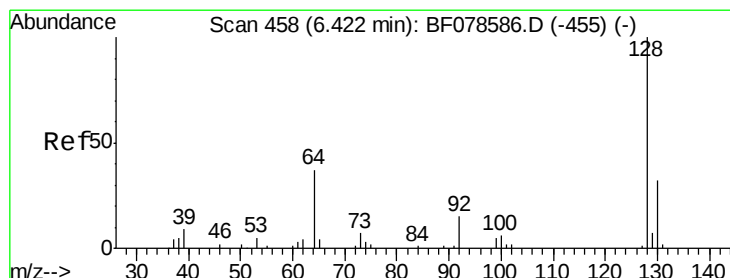
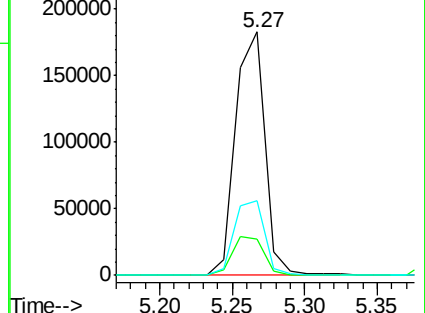
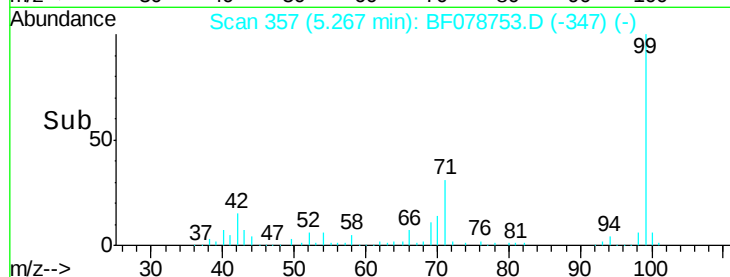
71 30.7 26.6 39.8



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: 42.85 ng

RT: 5.42 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

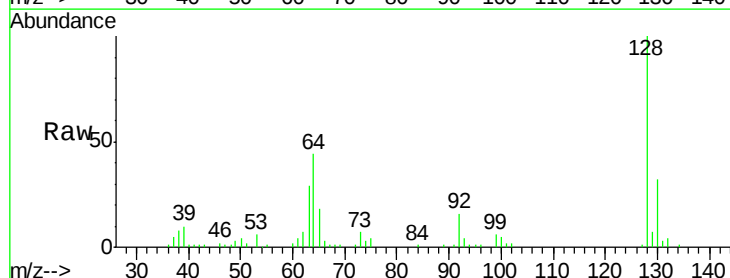
Tgt Ion: 128 Resp: 76677

Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

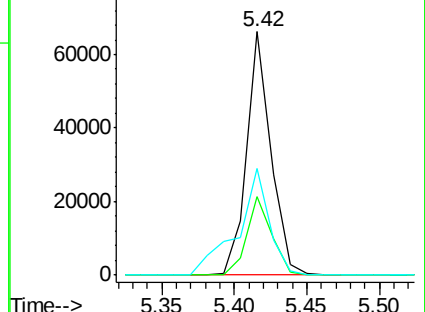
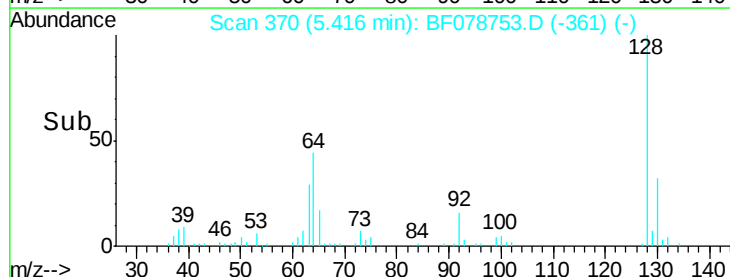
64 44.0 23.8 63.8

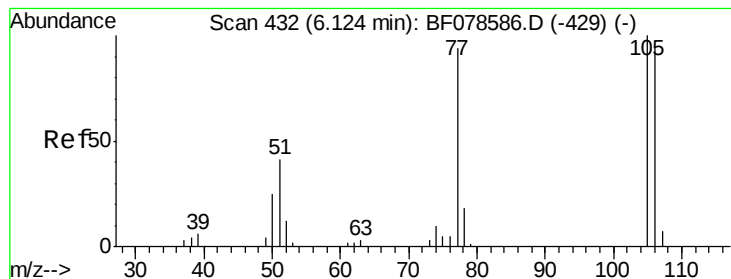


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.95 ng

RT: 5.06 min Scan# 339

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

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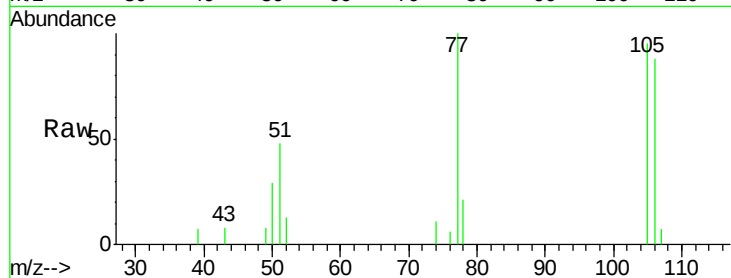
Tot Ion: 77 Resp: 8738

Ion Ratio Lower Upper

77 100

105 95.4 85.4 125.4

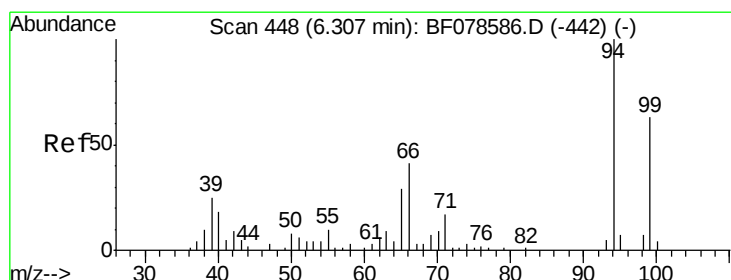
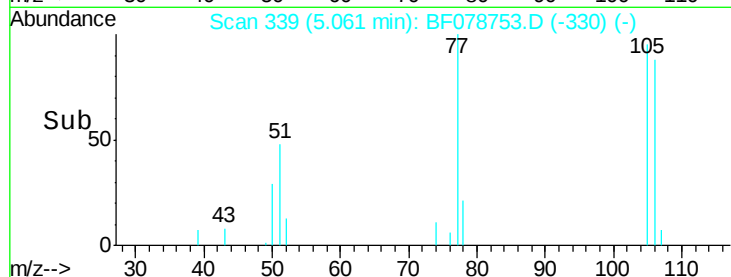
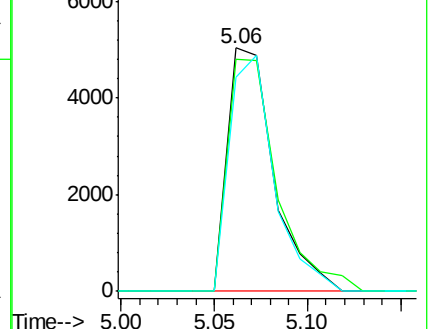
106 88.0 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.94 ng

RT: 5.28 min Scan# 358

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

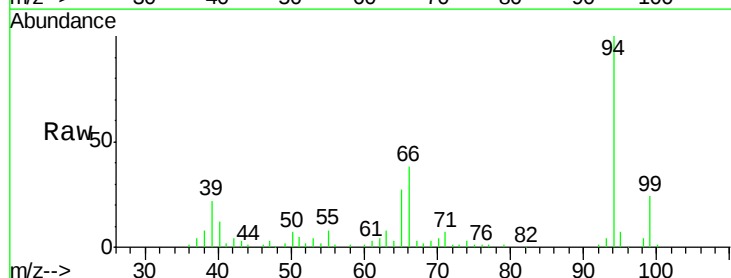
Tgt Ion: 94 Resp: 97571

Ion Ratio Lower Upper

94 100

65 27.4 4.9 44.9

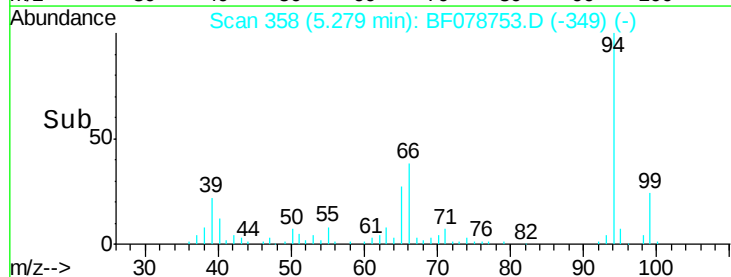
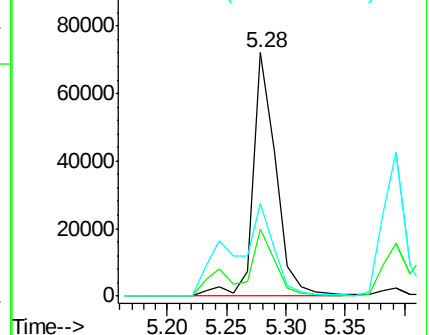
66 37.9 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

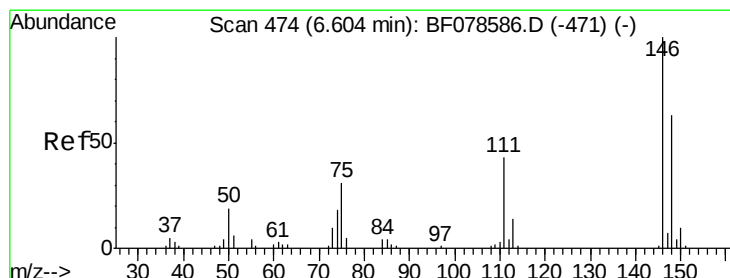
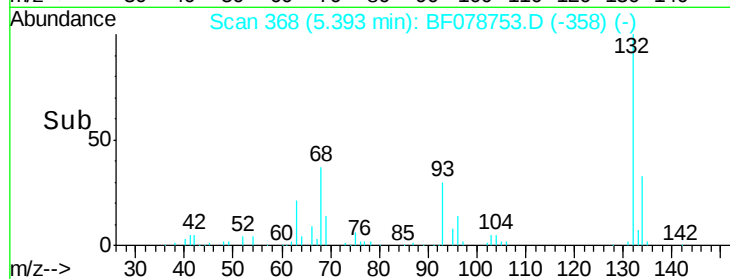
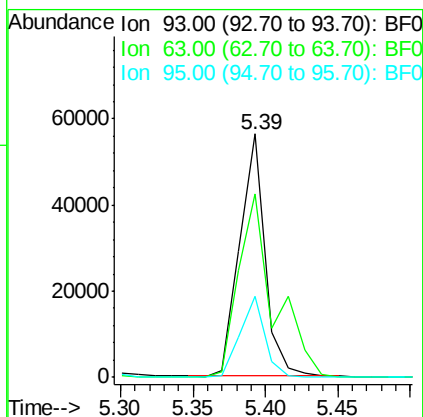
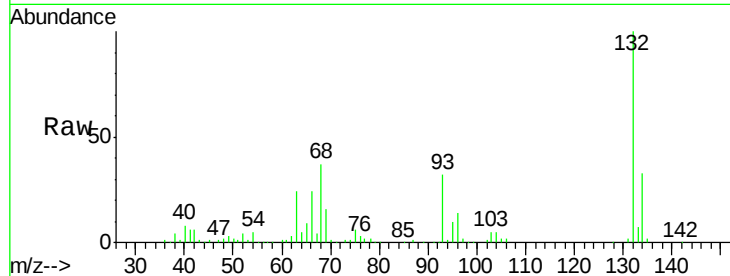




#11
bis(2-Chloroethyl)ether
Concen: 41.35 ng
RT: 5.39 min Scan# 368
Delta R.T. 0.01 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

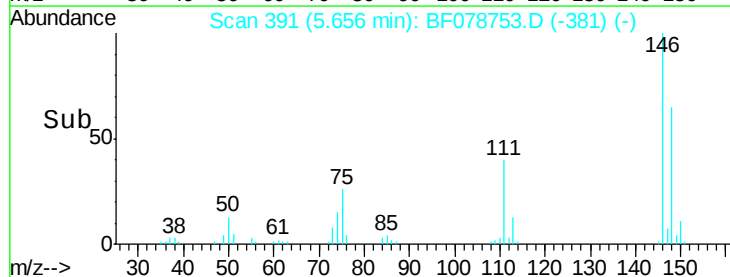
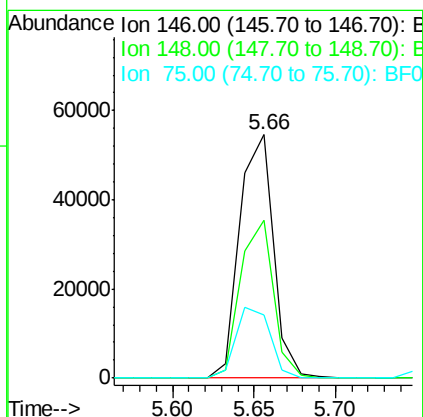
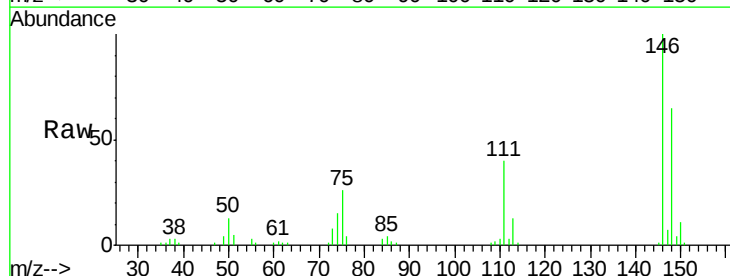
Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion: 93 Resp: 67577
Ion Ratio Lower Upper
93 100
63 75.1 54.6 94.6
95 33.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 39.92 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion: 146 Resp: 78464
Ion Ratio Lower Upper
146 100
148 64.7 49.1 73.7
75 25.7 26.6 40.0#

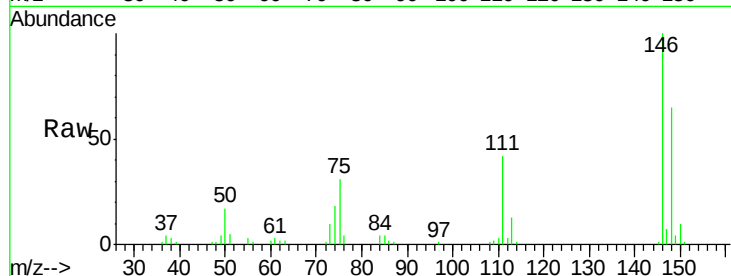




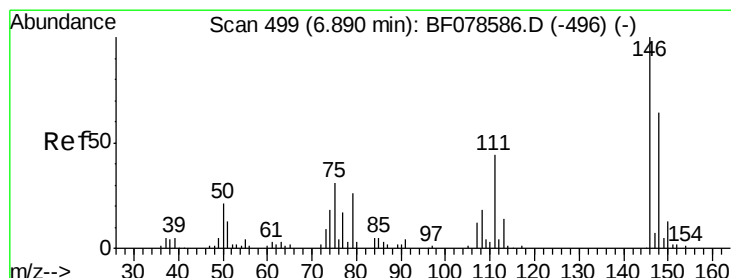
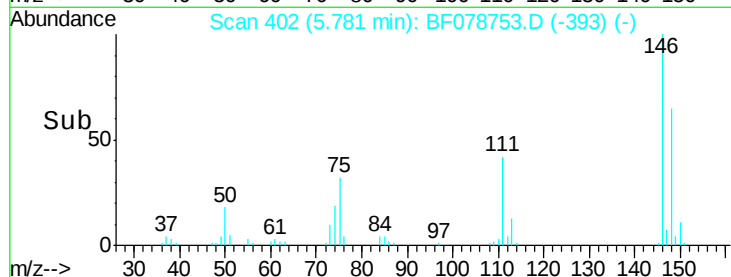
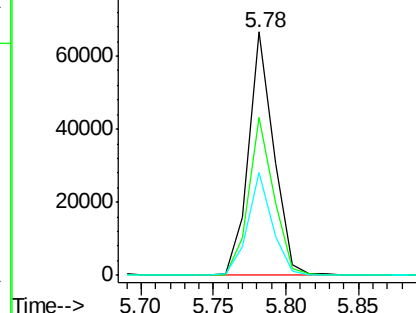
#13
 1,4-Dichlorobenzene
 Concen: 40.51 ng
 RT: 5.78 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:146 Resp: 80157
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 111 42.3 35.0 52.4

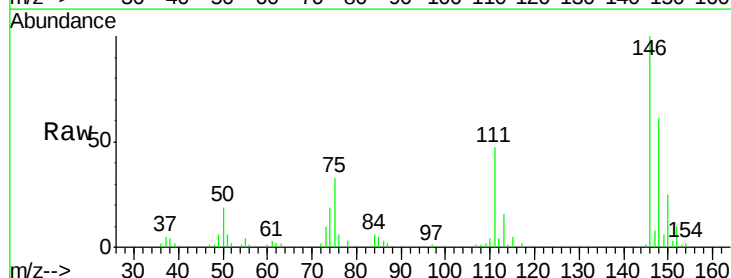


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

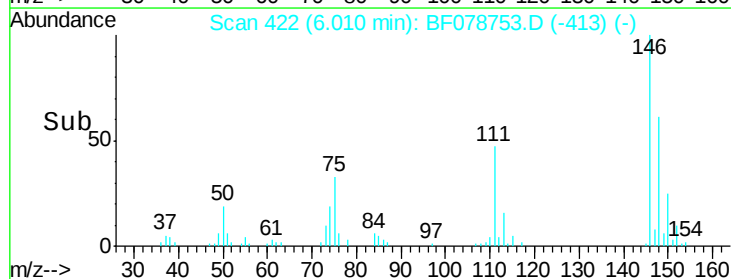
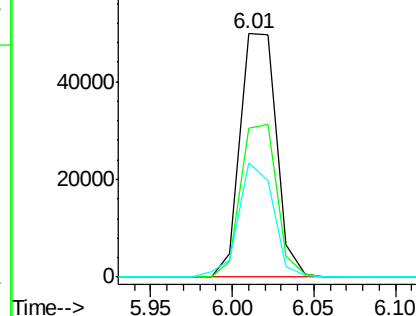


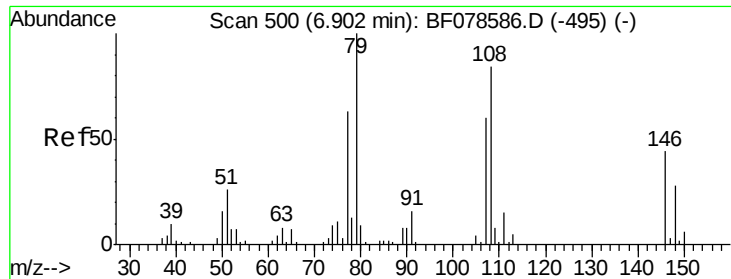
#14
 1,2-Dichlorobenzene
 Concen: 41.23 ng
 RT: 6.01 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:146 Resp: 76497
 Ion Ratio Lower Upper
 146 100
 148 60.9 50.2 75.4
 111 46.8 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.22 ng

RT: 6.03 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB-77DMSD

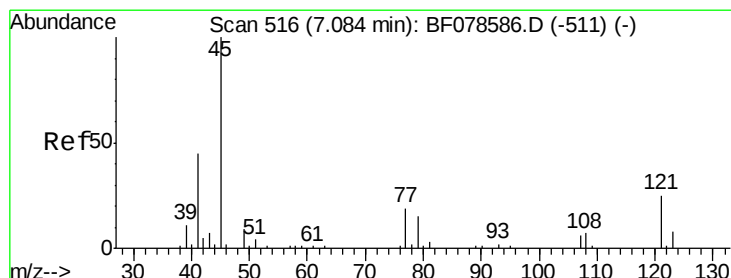
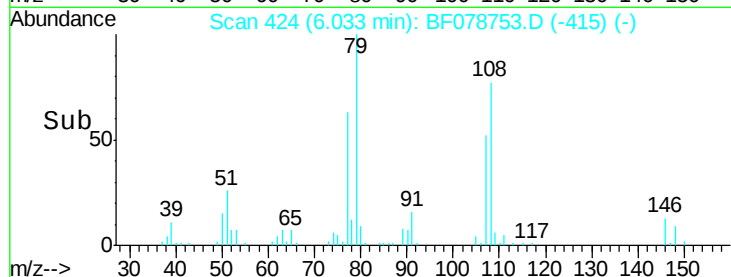
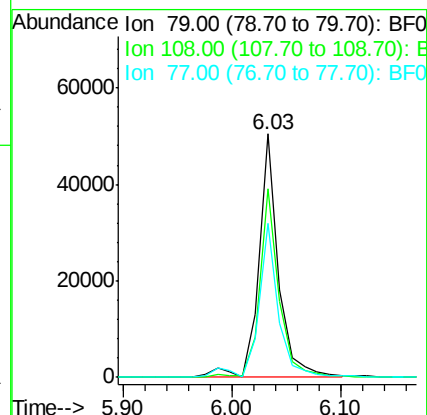
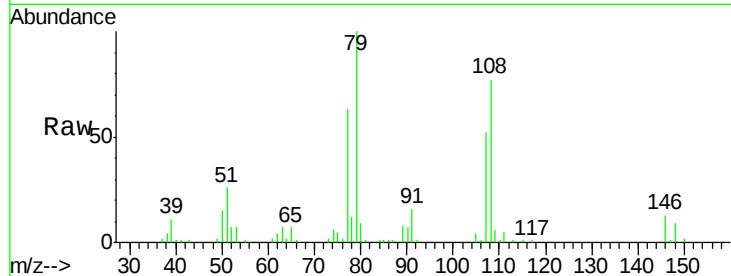
Tot Ion: 79 Resp: 64268

Ion Ratio Lower Upper

79 100

108 77.3 57.6 86.4

77 63.3 53.5 80.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.40 ng

RT: 6.27 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

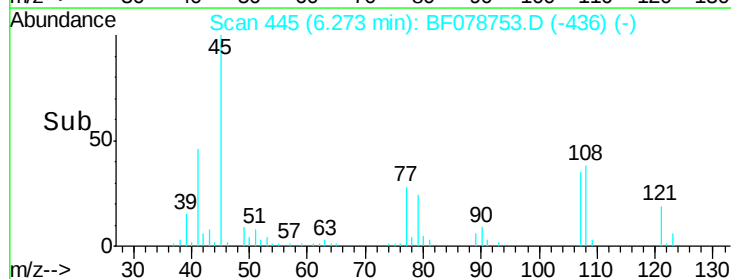
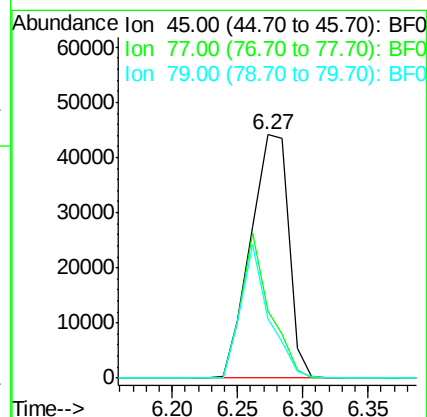
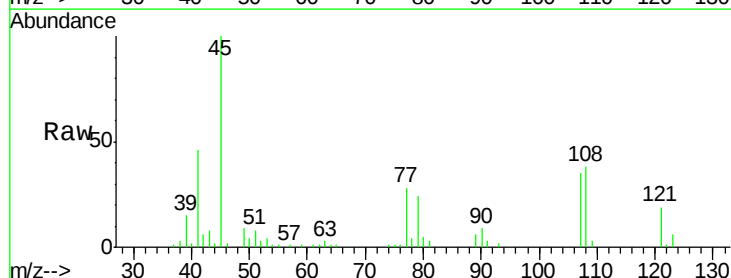
Tgt Ion: 45 Resp: 90249

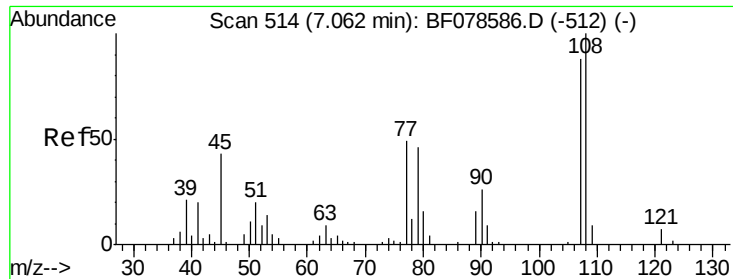
Ion Ratio Lower Upper

45 100

77 27.6 0.0 34.5

79 24.2 0.0 31.9

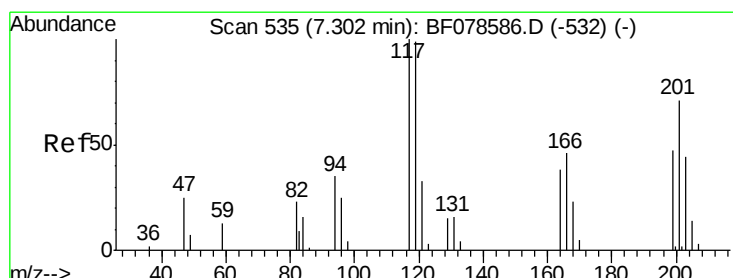
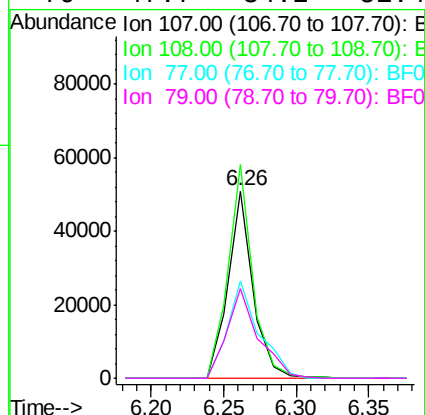
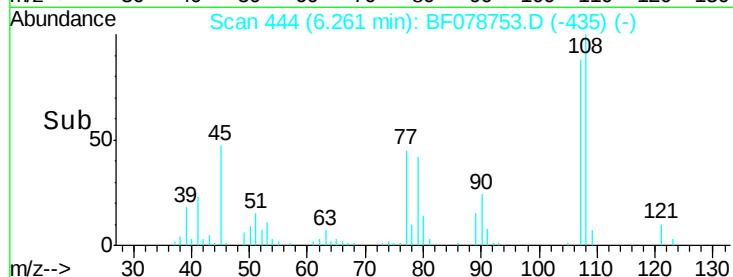
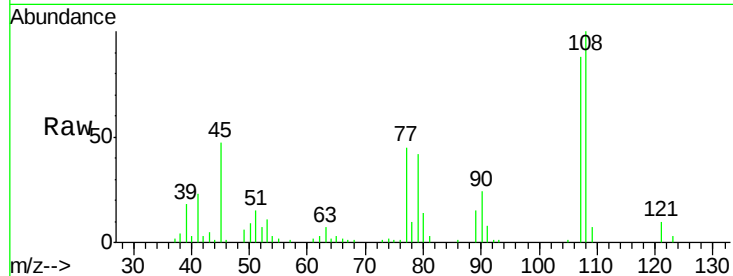




#17
2-Methylphenol
Concen: 43.77 ng
RT: 6.26 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

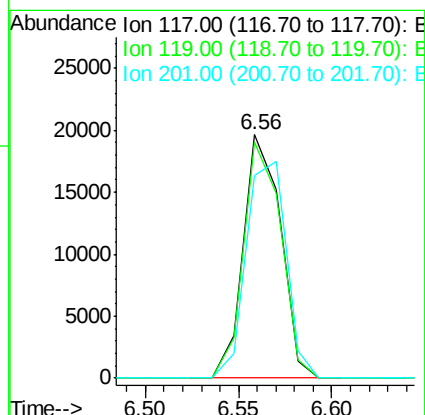
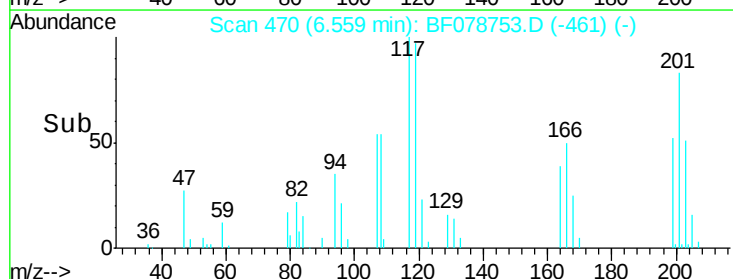
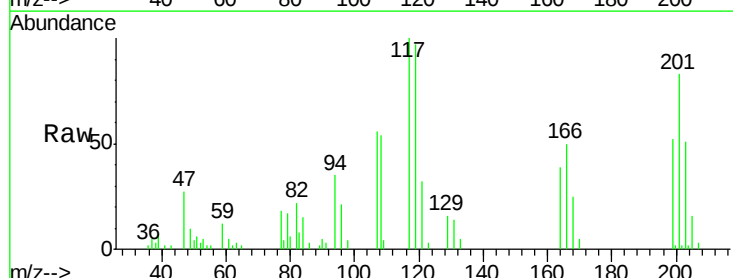
Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

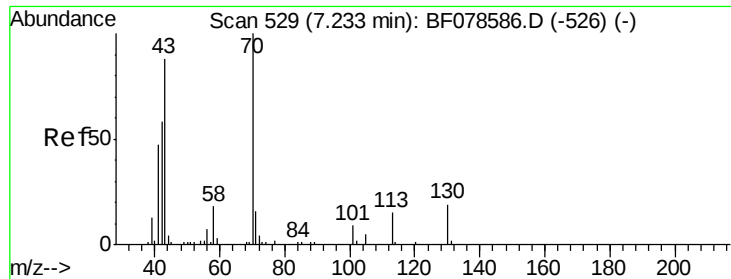
Tot Ion:	107	Resp:	60810
Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.3	135.5
77	51.9	35.5	53.3
79	47.7	34.2	51.4



#18
Hexachloroethane
Concen: 40.83 ng
RT: 6.56 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion:	117	Resp:	27244
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.0	115.6
201	83.1	98.1	147.1#

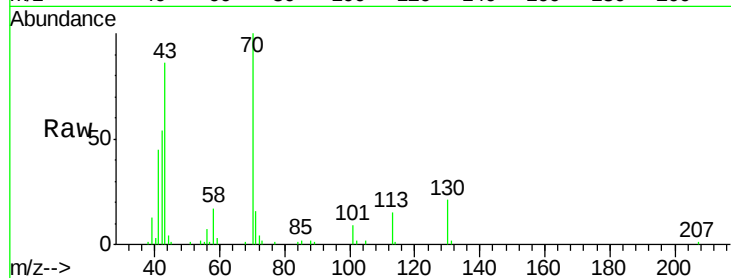




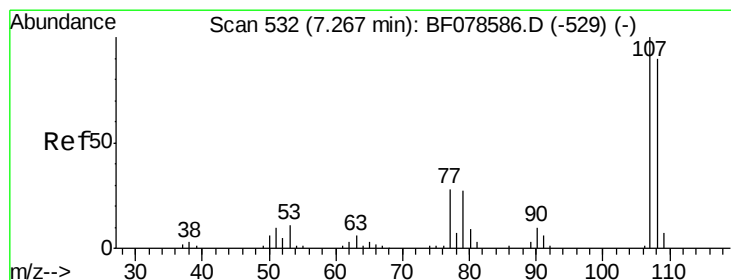
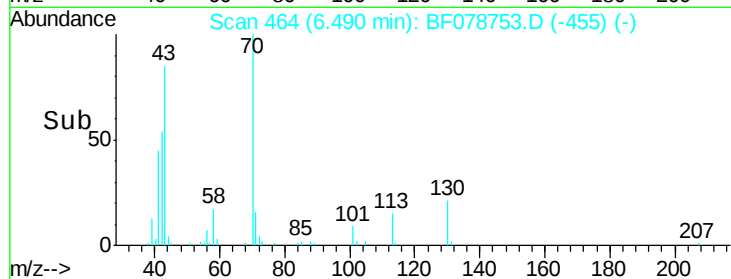
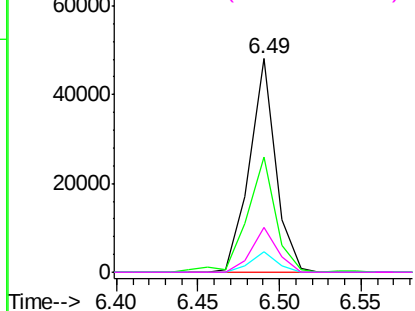
#19
 n-Nitroso-di-n-propylamine
 Concen: 43.04 ng
 RT: 6.49 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:	70	Resp:	53864
Ion	Ratio	Lower	Upper
70	100		
42	53.7	38.9	58.3
101	9.4	8.3	12.5
130	21.2	19.8	29.8

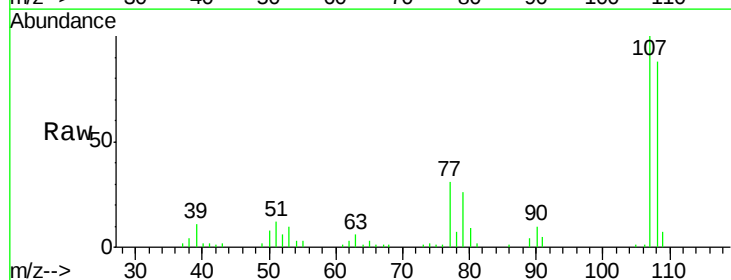


Abundance Ion 70.00 (69.70 to 70.70): BF0
 Ion 42.00 (41.70 to 42.70): BF0
 Ion 101.00 (100.70 to 101.70): E
 Ion 130.00 (129.70 to 130.70): E

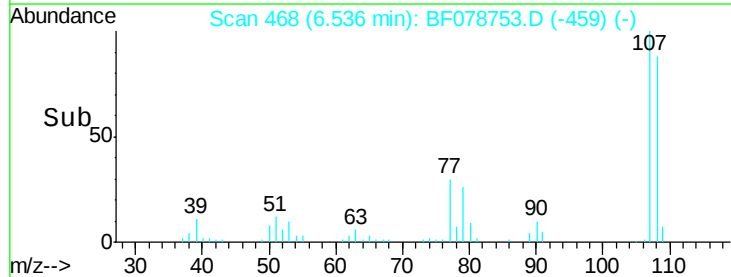
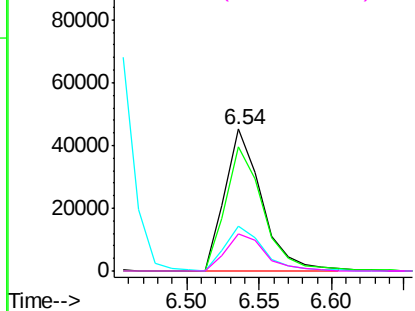


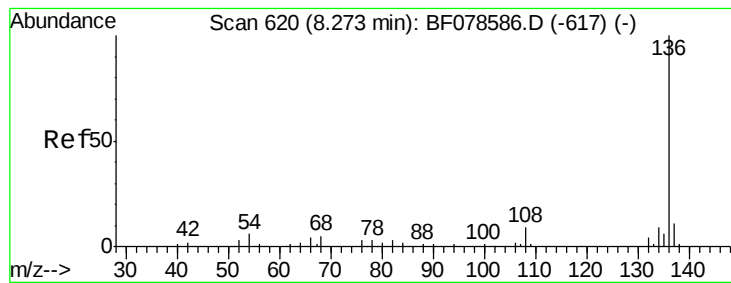
#20
 3+4-Methylphenols
 Concen: 43.15 ng
 RT: 6.54 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:	107	Resp:	79975
Ion	Ratio	Lower	Upper
107	100		
108	87.6	64.4	104.4
77	31.3	9.7	49.7
79	26.0	4.0	44.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB-77DMSD

Tot Ion:136 Resp: 101601

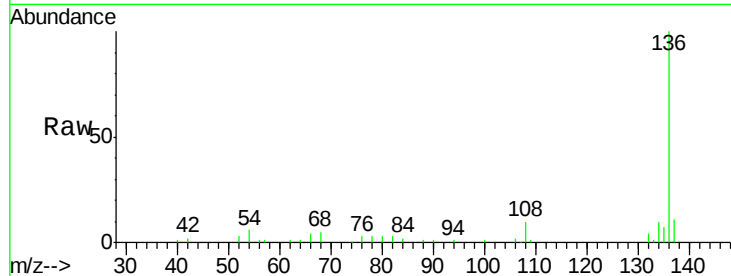
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.1 7.0 10.6#

68 4.8 5.4 8.2#

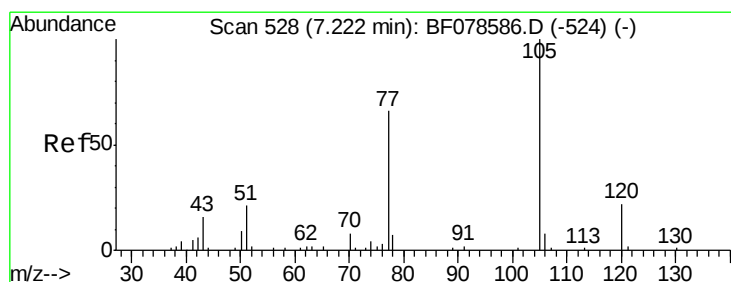
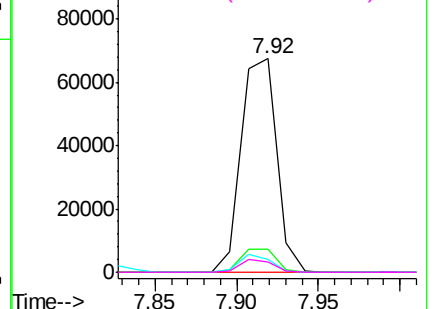
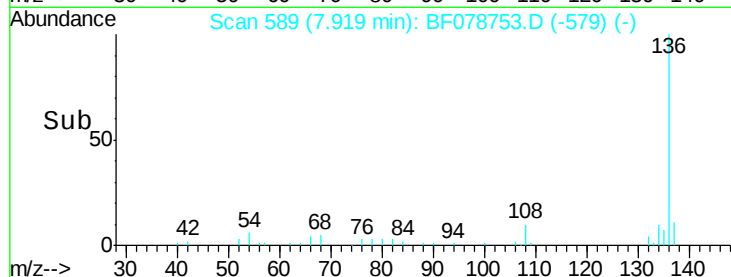


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.25 ng

RT: 6.46 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Tgt Ion:105 Resp: 107123

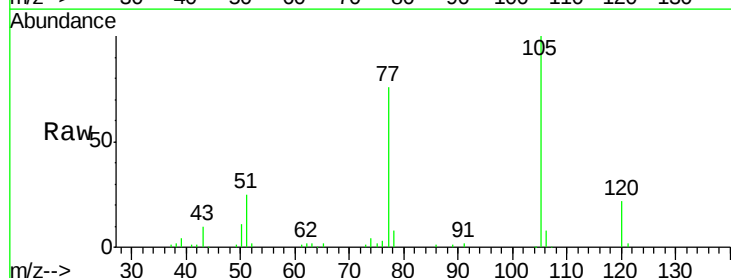
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 25.4 16.0 24.0#

120 21.6 17.8 26.6

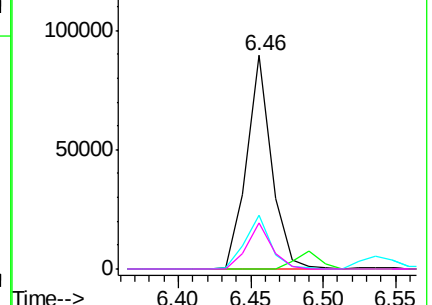
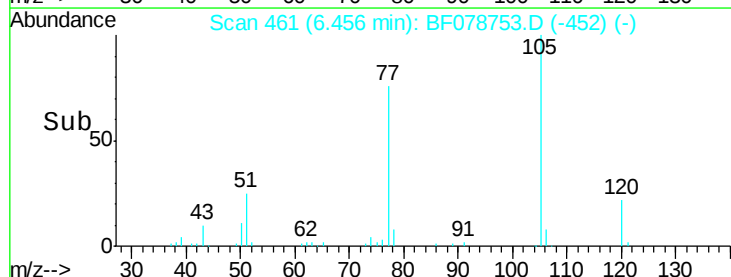


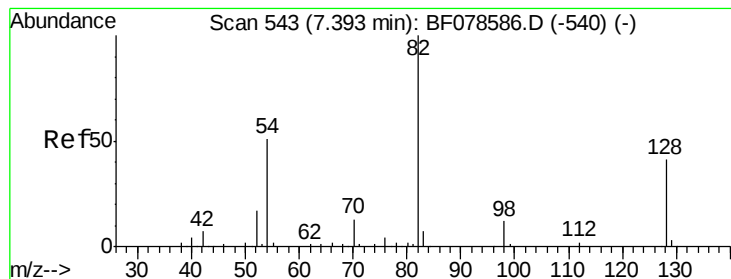
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.63 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB-77DMSD

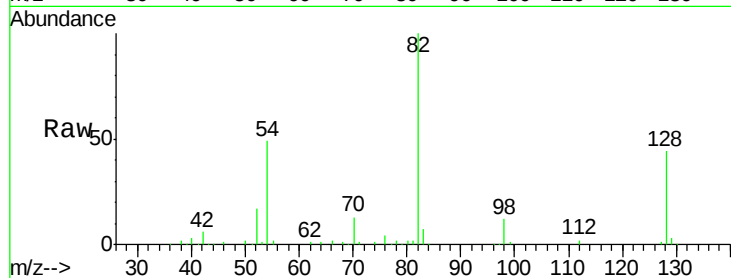
Tot Ion: 82 Resp: 145206

Ion Ratio Lower Upper

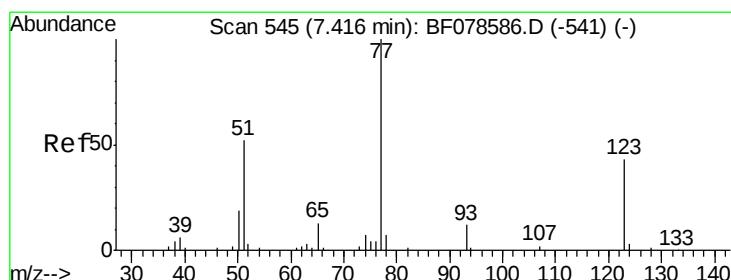
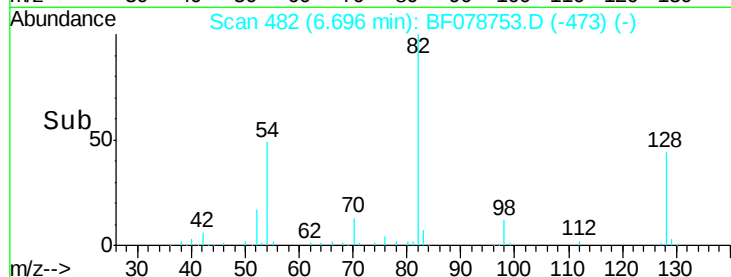
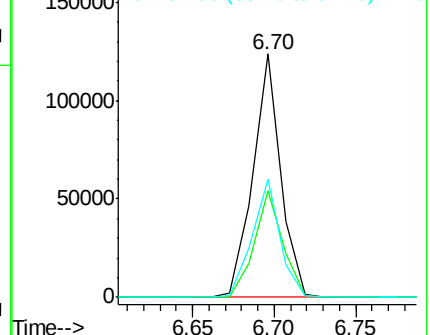
82 100

128 43.6 31.8 47.8

54 48.6 41.5 62.3



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



#24

Nitrobenzene

Concen: 43.49 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

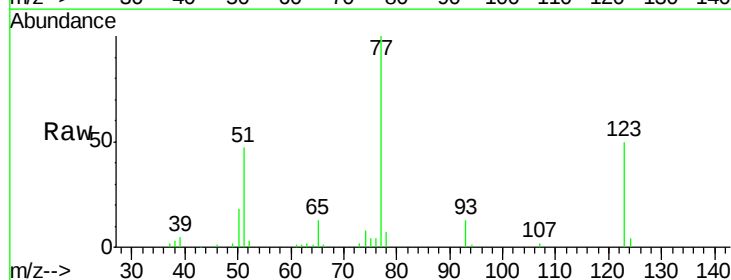
Tgt Ion: 77 Resp: 76202

Ion Ratio Lower Upper

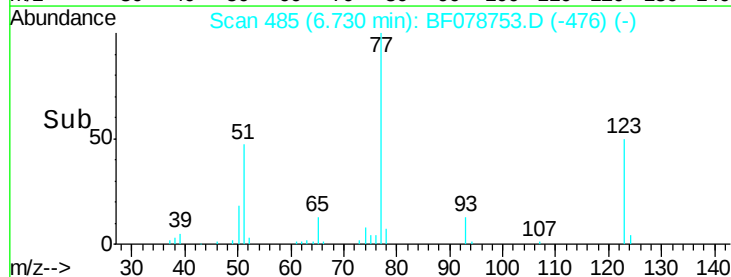
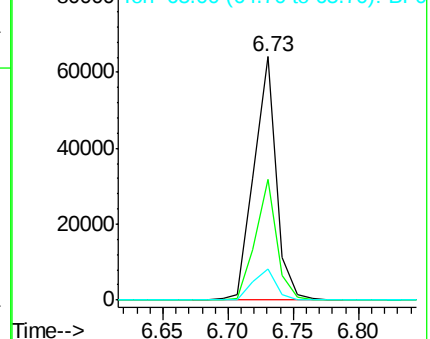
77 100

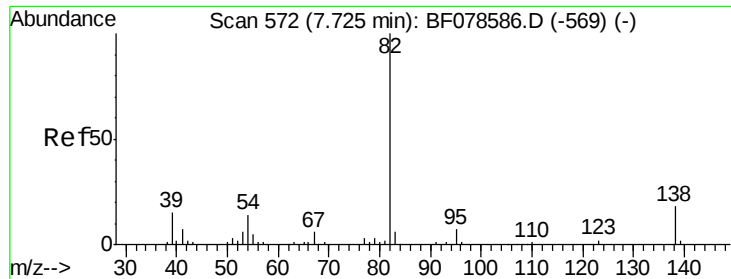
123 49.6 46.9 70.3

65 12.8 9.5 14.3



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





#25

Isophorone

Concen: 43.87 ng

RT: 7.15 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB-77DMSD

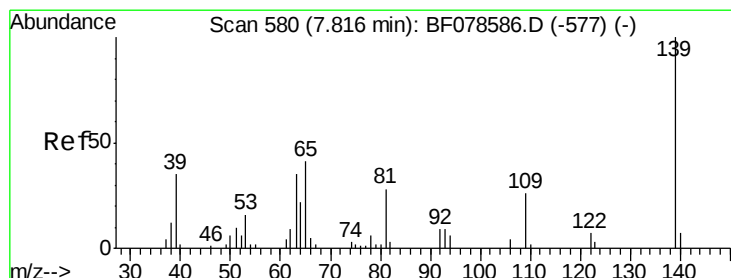
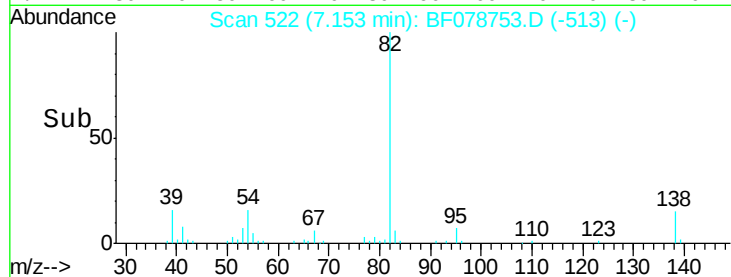
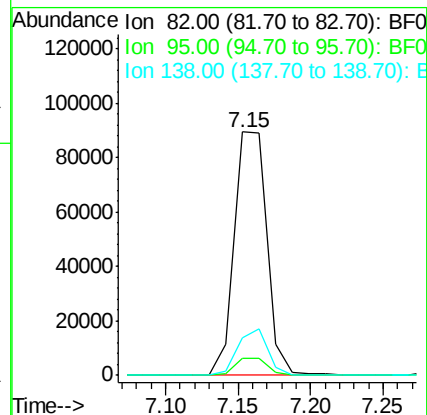
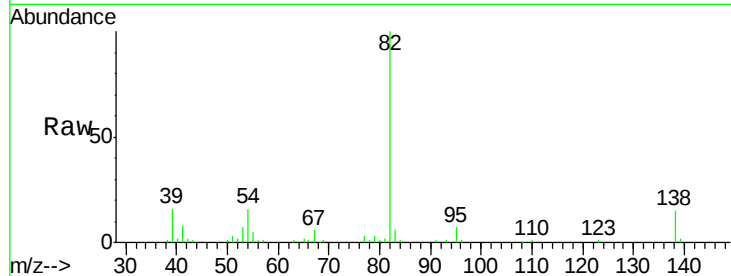
Tot Ion: 82 Resp: 139571

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 15.4 15.8 23.8#



#26

2-Nitrophenol

Concen: 44.25 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

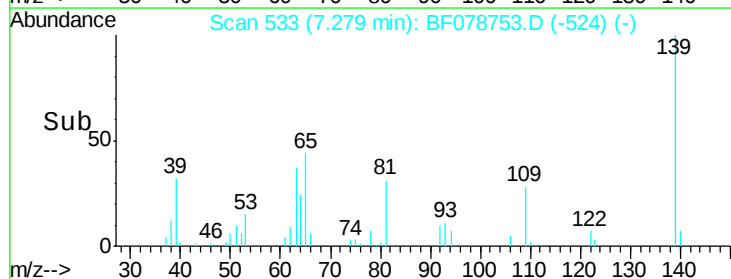
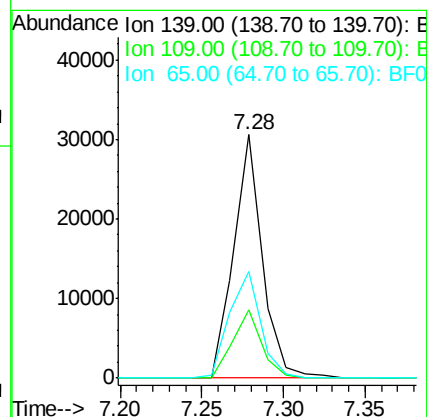
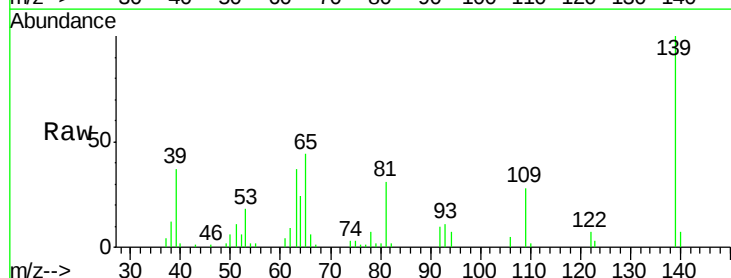
Tgt Ion: 139 Resp: 36952

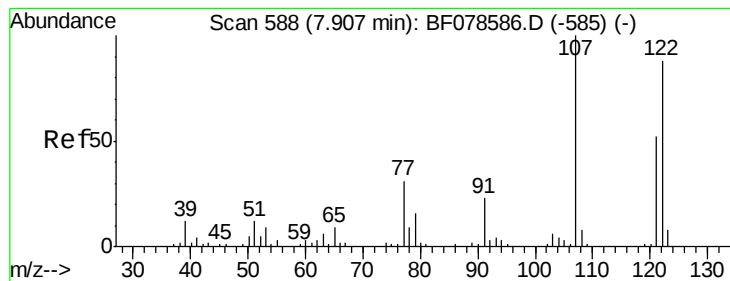
Ion Ratio Lower Upper

139 100

109 28.0 19.8 29.8

65 43.6 32.7 49.1

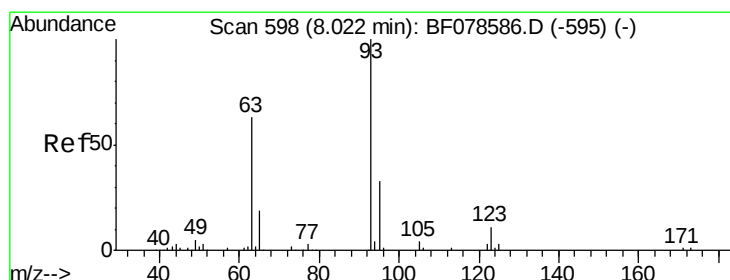
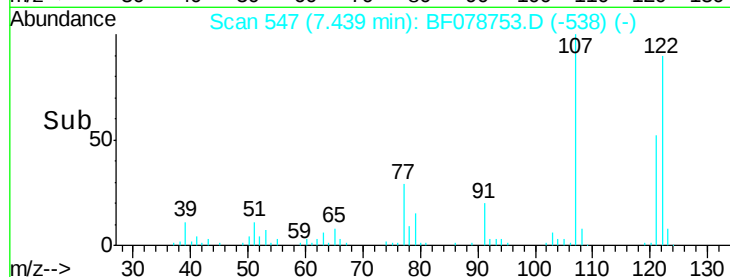
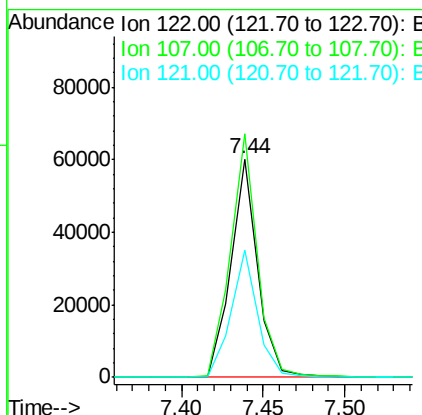
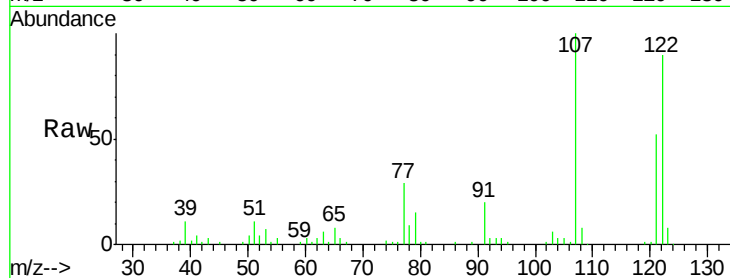




#27
 2,4-Dimethylphenol
 Concen: 43.82 ng
 RT: 7.44 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

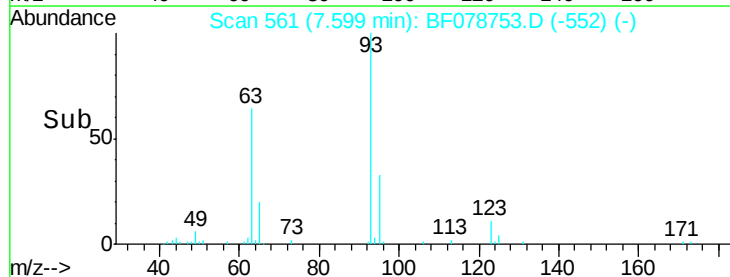
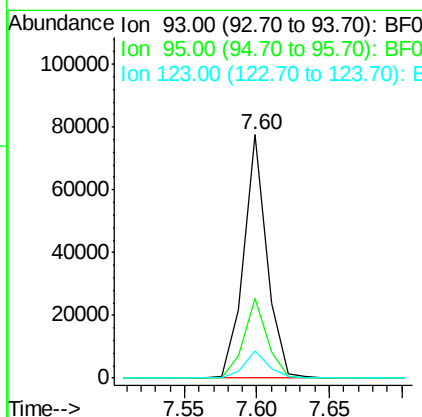
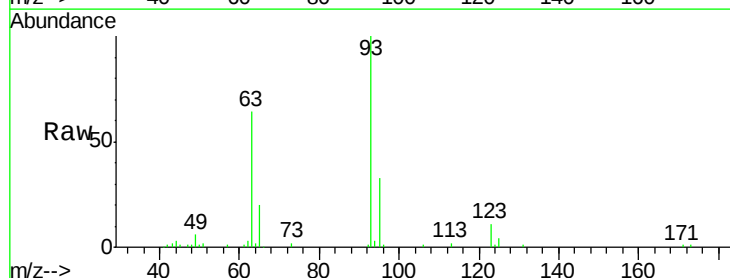
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

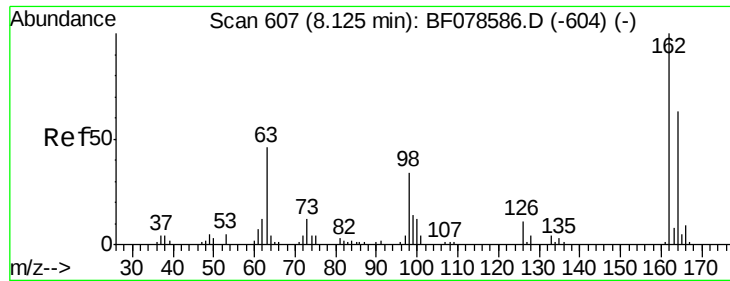
Tot Ion:122 Resp: 68048
 Ion Ratio Lower Upper
 122 100
 107 111.6 84.6 127.0
 121 58.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.12 ng
 RT: 7.60 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion: 93 Resp: 85918
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.0 9.1 13.7

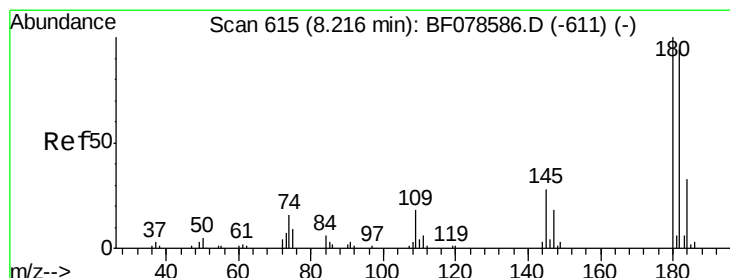
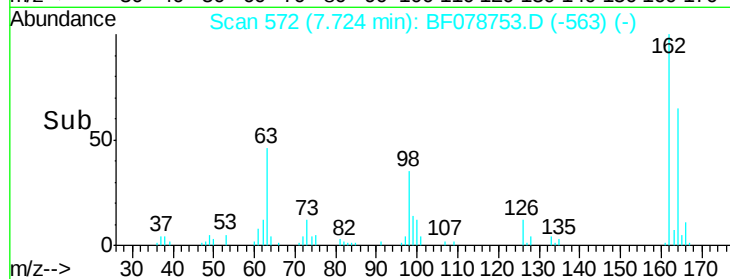
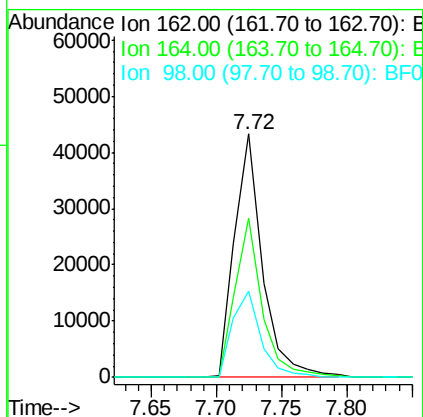
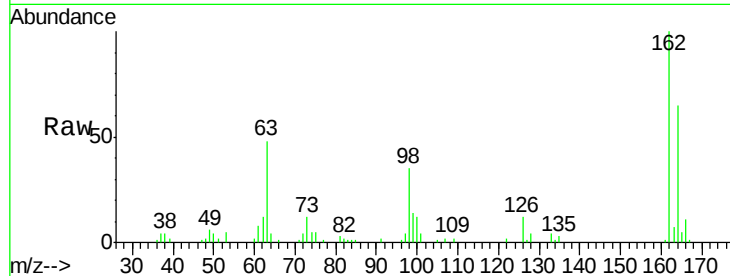




#29
 2,4-Dichlorophenol
 Concen: 45.74 ng
 RT: 7.72 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

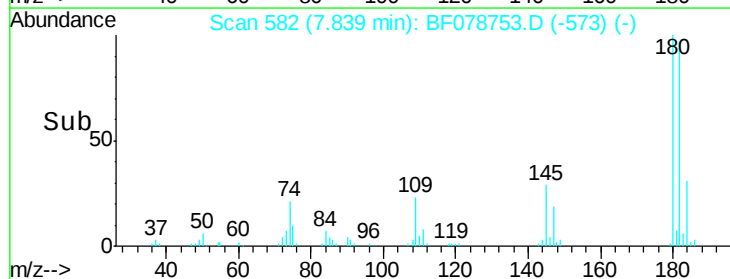
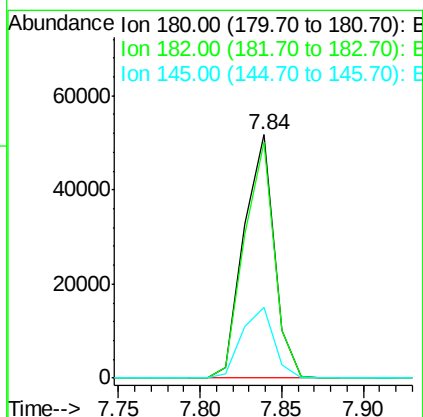
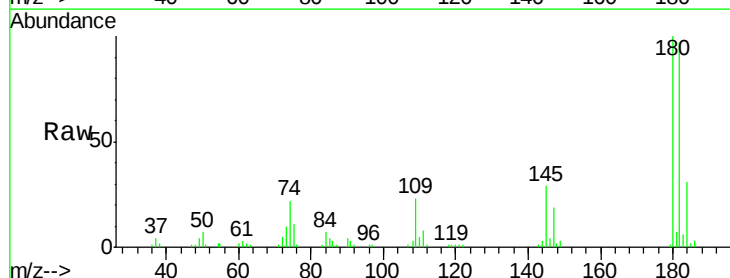
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

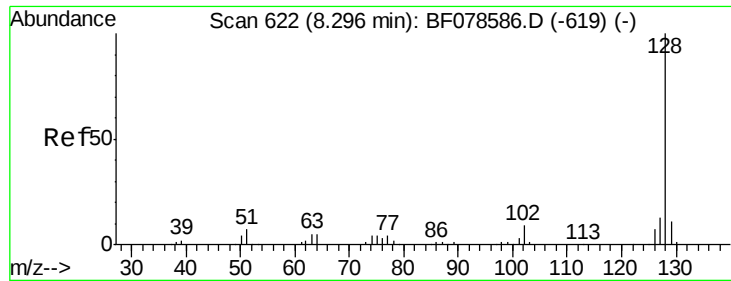
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	47.0	87.0
98	35.3	9.2	49.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.30 ng
 RT: 7.84 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.9	115.3
145	29.1	22.5	33.7

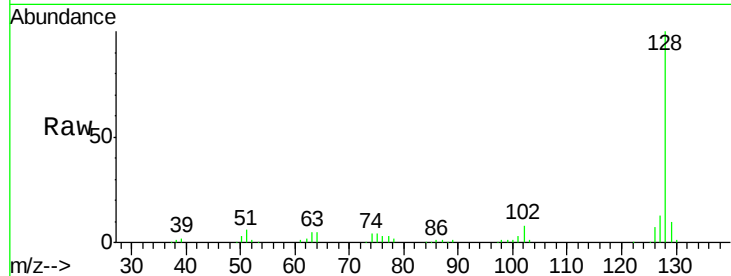




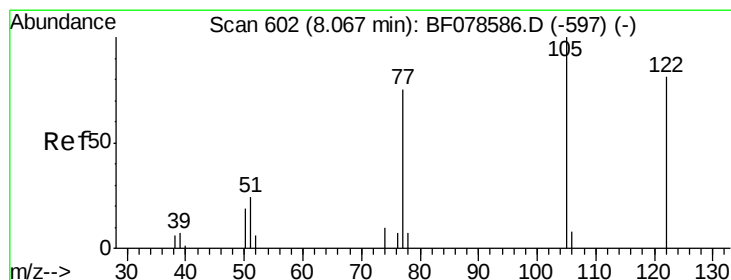
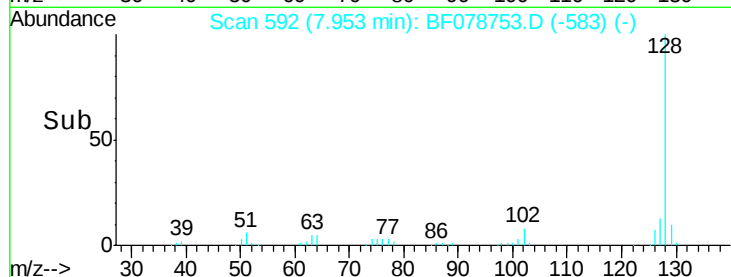
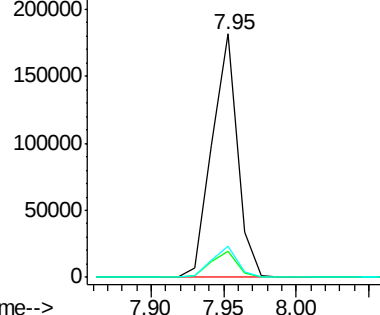
#31
Naphthalene
Concen: 41.87 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion:128 Resp: 221435
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.0 10.7 16.1

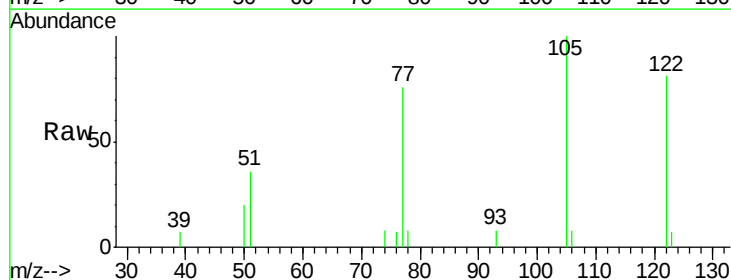


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

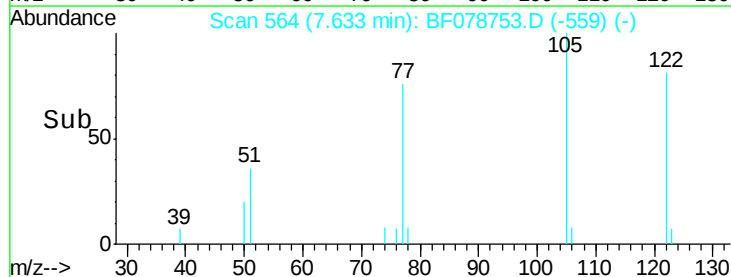
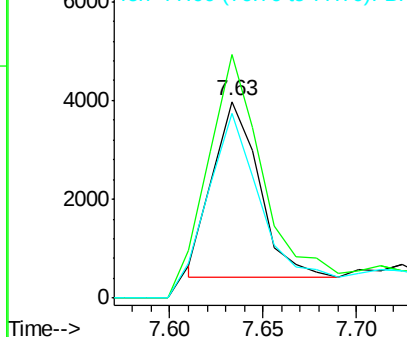


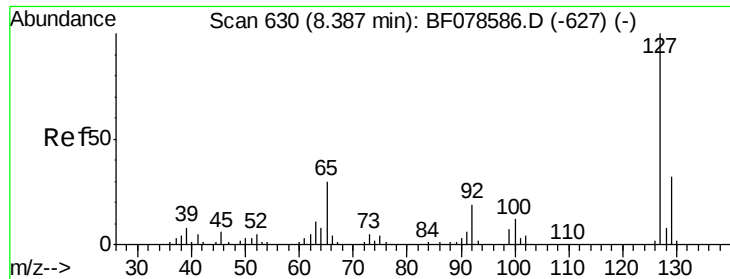
#32
Benzoic acid
Concen: 13.28 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.05 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion:122 Resp: 6221
Ion Ratio Lower Upper
122 100
105 123.7 96.1 136.1
77 94.0 64.1 104.1



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

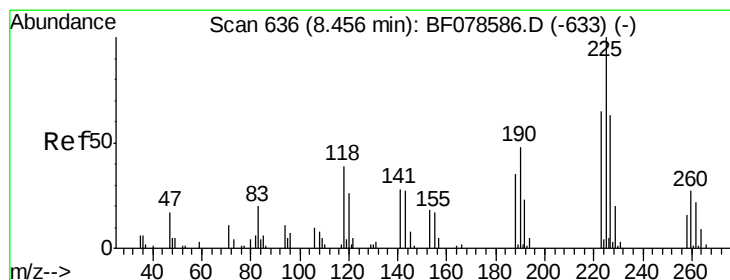
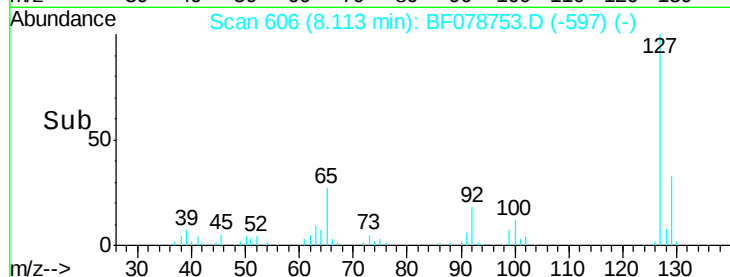
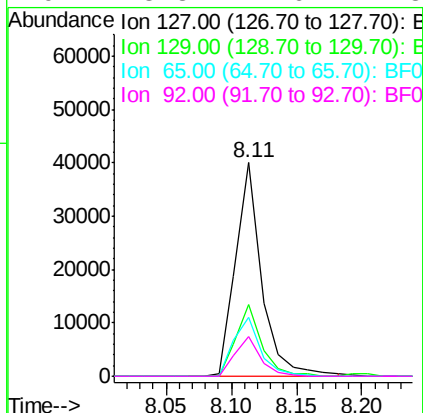
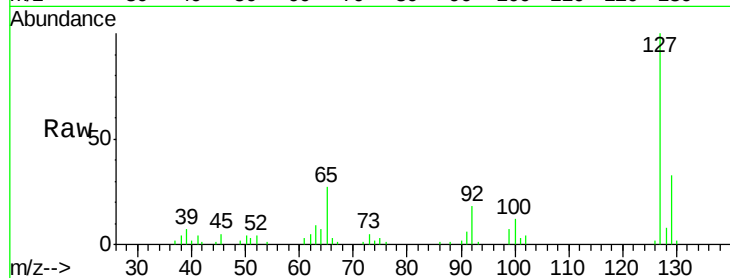




#33
 4-Chloroaniline
 Concen: 25.43 ng
 RT: 8.11 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

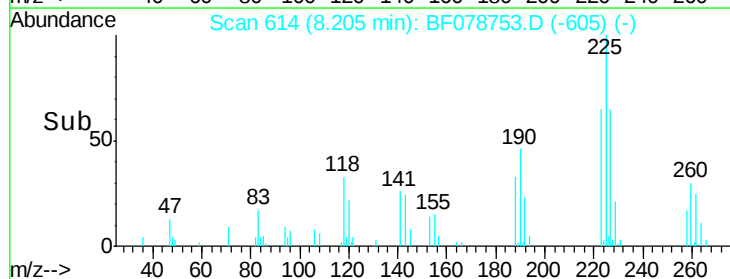
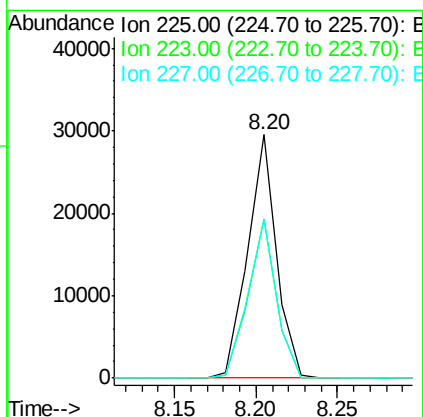
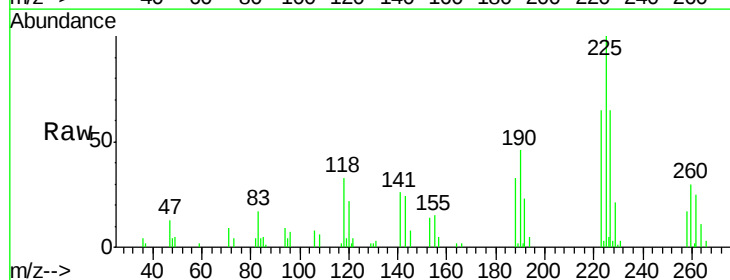
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

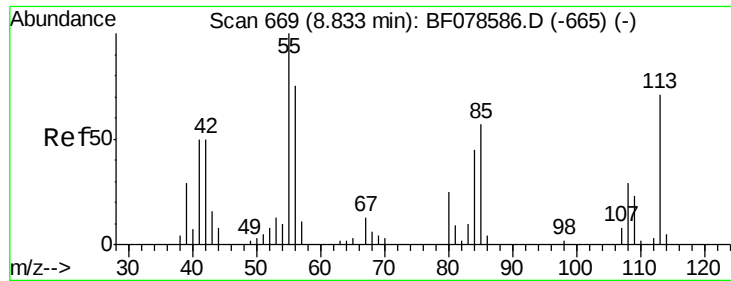
Tot Ion:	127	Resp:	55797
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.5	38.3
65	27.3	21.7	32.5
92	18.3	14.6	21.8



#34
 Hexachlorobutadiene
 Concen: 40.41 ng
 RT: 8.20 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:	225	Resp:	35939
Ion	Ratio	Lower	Upper
225	100		
223	65.2	47.5	71.3
227	65.3	50.2	75.2

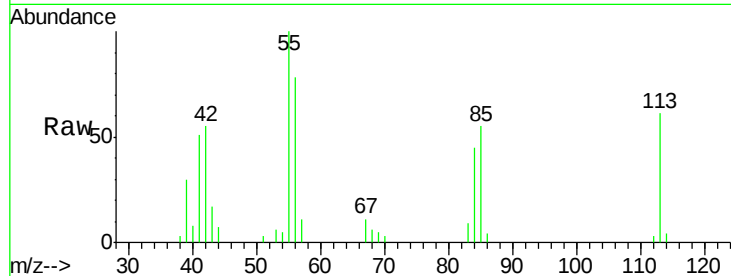




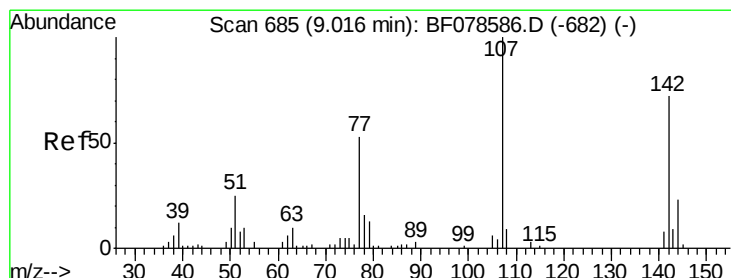
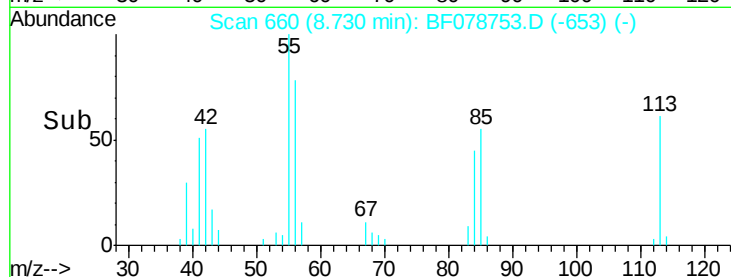
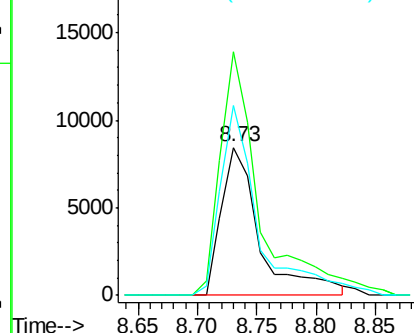
#35
 Caprolactam
 Concen: 45.40 ng
 RT: 8.73 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:113 Resp: 19144
 Ion Ratio Lower Upper
 113 100
 55 164.8 151.9 191.9
 56 128.6 106.1 146.1

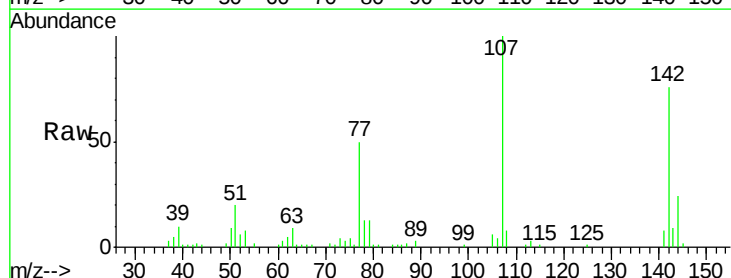


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

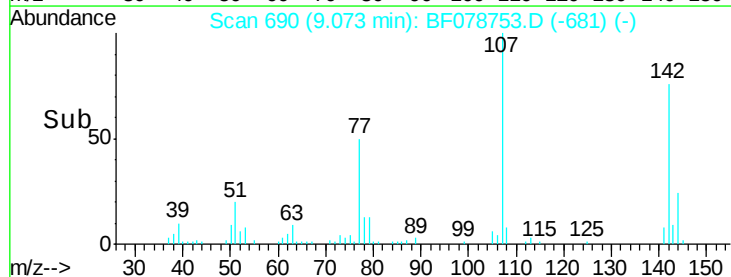
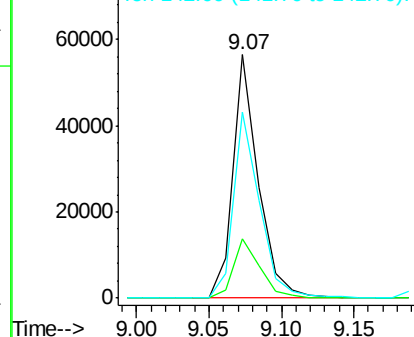


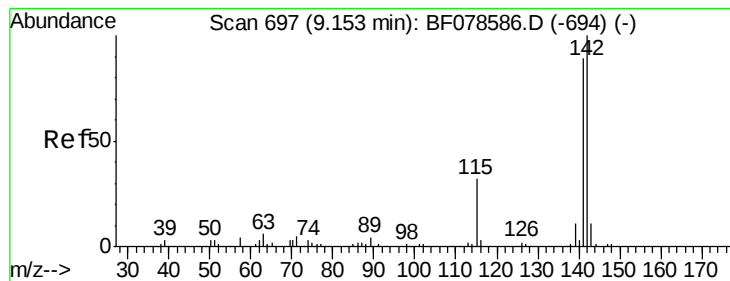
#36
 4-Chloro-3-methylphenol
 Concen: 48.26 ng
 RT: 9.07 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:107 Resp: 68781
 Ion Ratio Lower Upper
 107 100
 144 24.5 18.2 27.2
 142 76.2 58.0 87.0



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

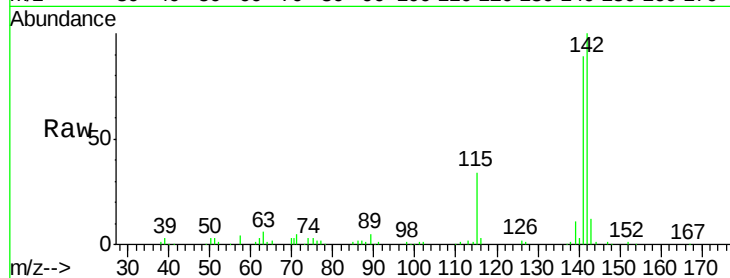




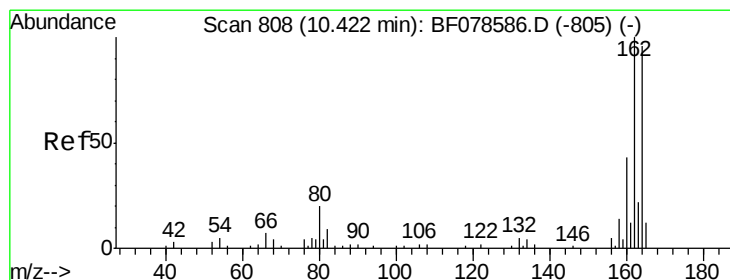
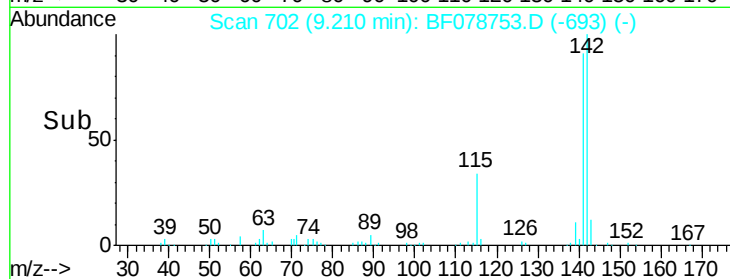
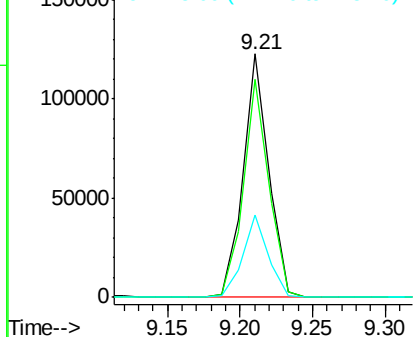
#37
 2-Methylnaphthalene
 Concen: 41.77 ng
 RT: 9.21 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:142 Resp: 149984
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.3 105.5
 115 33.9 24.6 37.0

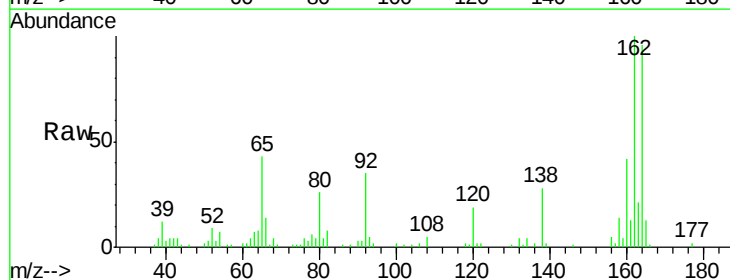


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

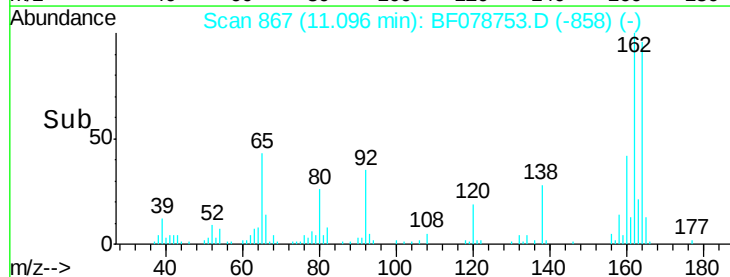
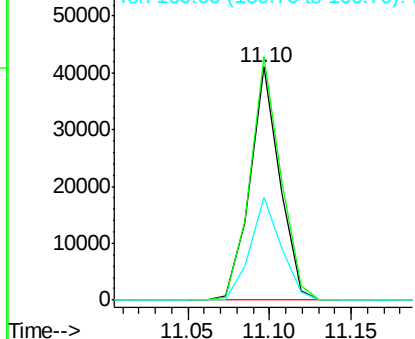


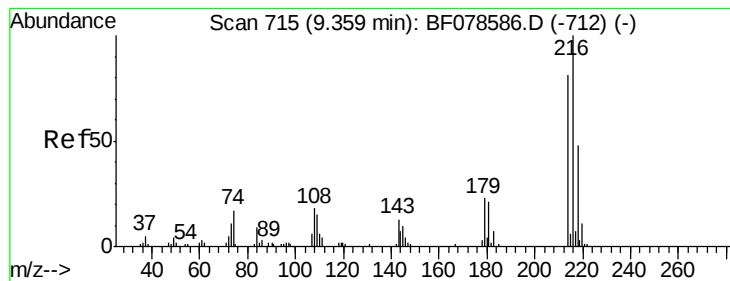
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:164 Resp: 51989
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.2 123.2
 160 44.4 34.7 52.1



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: 41.07 ng

RT: 9.52 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB-77DMSD

Tot Ion:216 Resp: 66156

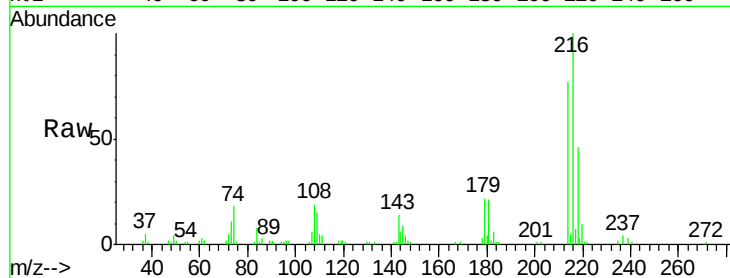
Ion Ratio Lower Upper

216 100

214 77.1 62.0 93.0

179 21.1 17.3 25.9

108 20.2 14.6 21.8

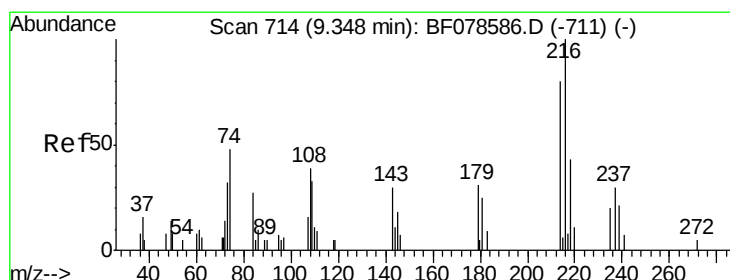
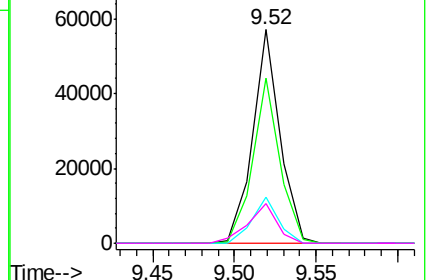
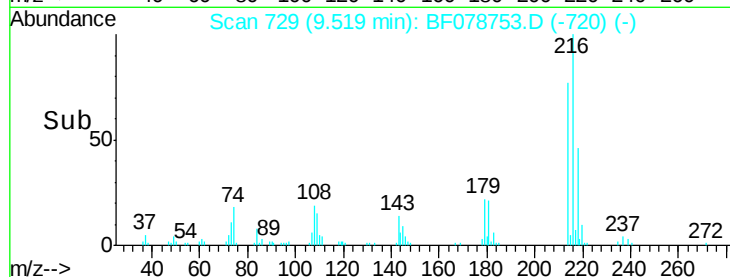


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 53.47 ng

RT: 9.51 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

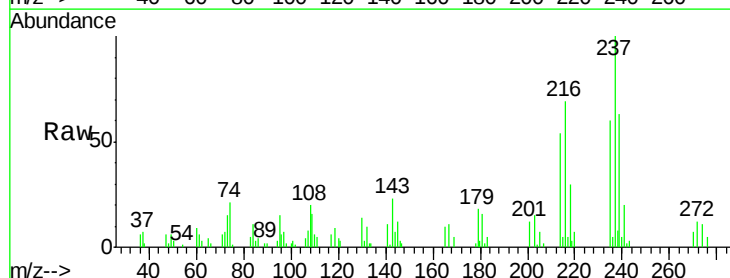
Tgt Ion:237 Resp: 35365

Ion Ratio Lower Upper

237 100

235 59.7 44.1 84.1

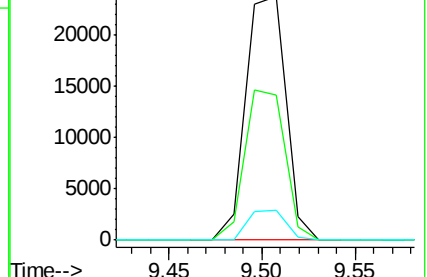
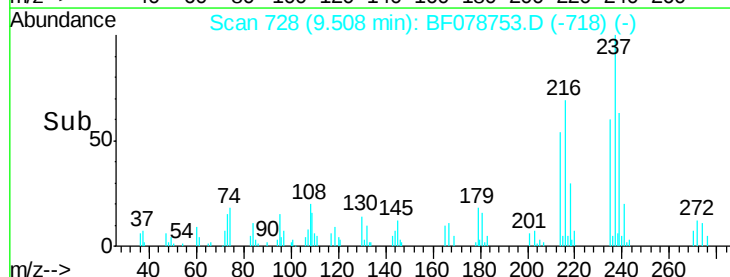
272 12.5 0.0 34.4

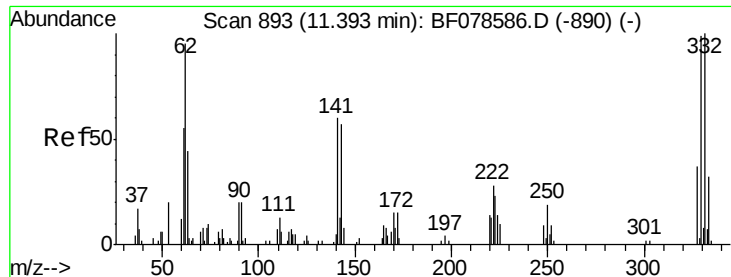


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

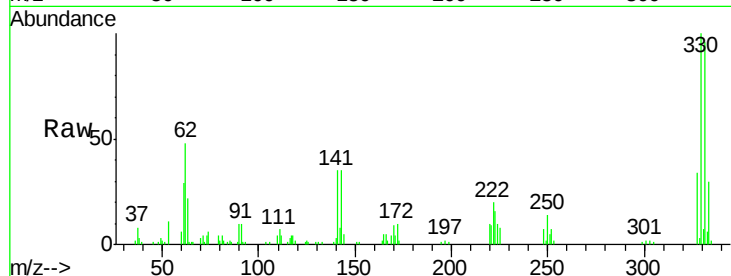




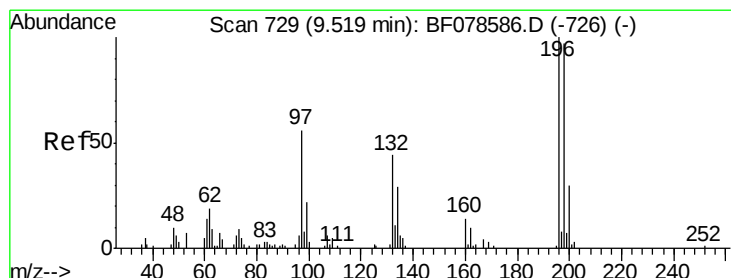
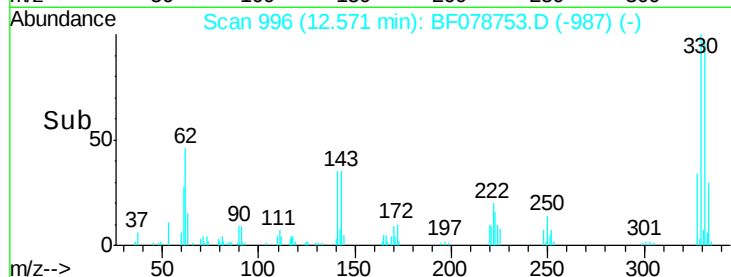
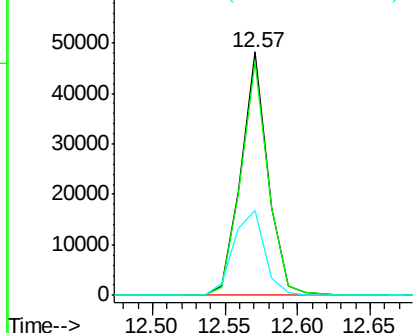
#41
 2,4,6-Tribromophenol
 Concen: 144.07 ng
 RT: 12.57 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:330 Resp: 62118
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.6 117.8
 141 40.1 31.2 46.8

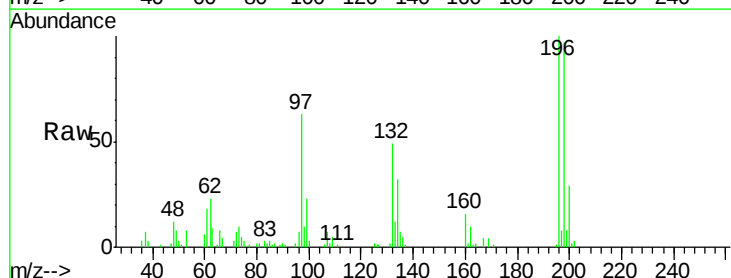


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

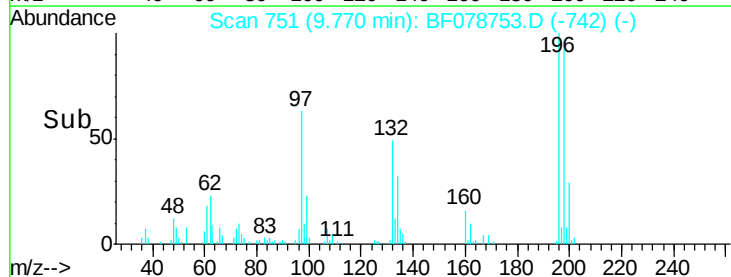
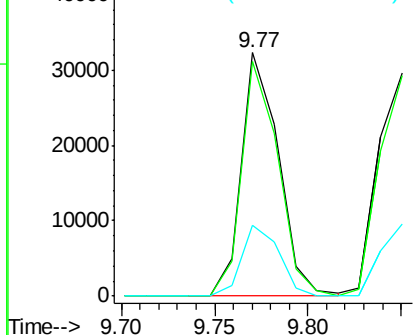


#42
 2,4,6-Trichlorophenol
 Concen: 43.87 ng
 RT: 9.77 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:196 Resp: 44569
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.4 113.2
 200 28.9 24.0 36.0



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

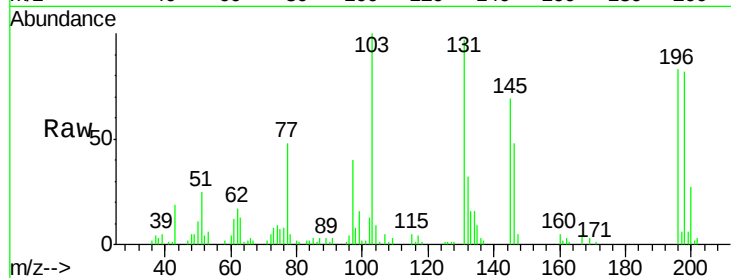




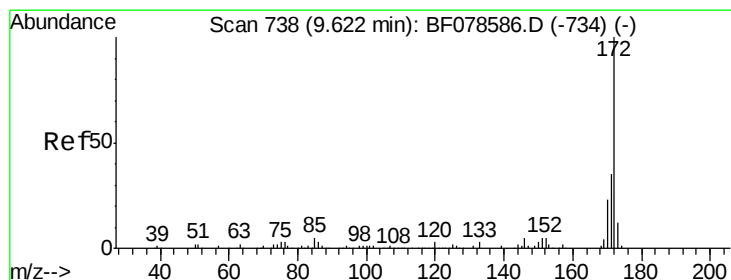
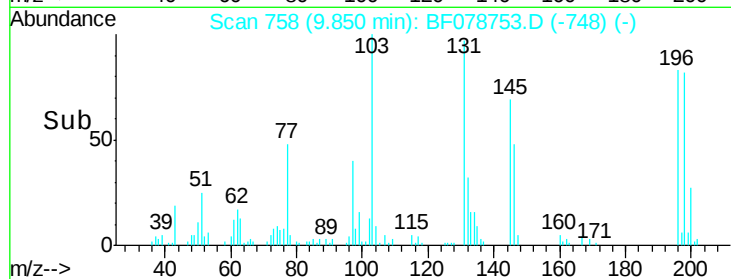
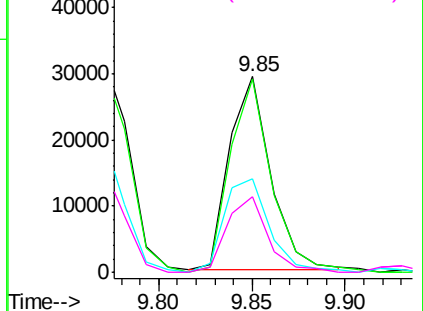
#43
 2,4,5-Trichlorophenol
 Concen: 42.85 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:196 Resp: 45482
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.6 115.0
 97 47.5 50.6 75.8#
 132 38.4 27.7 41.5

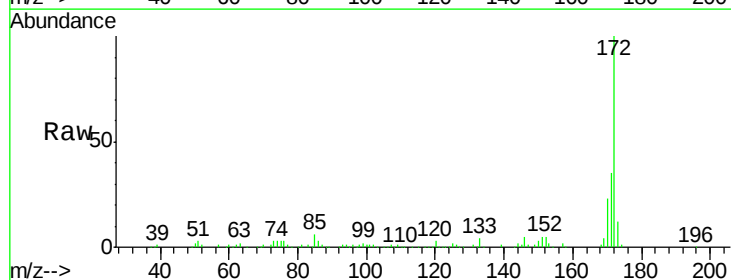


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

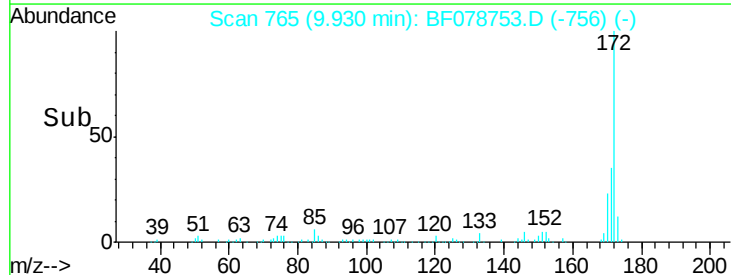
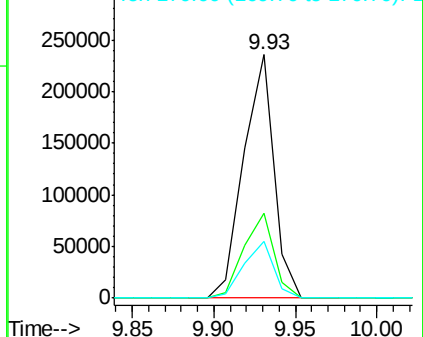


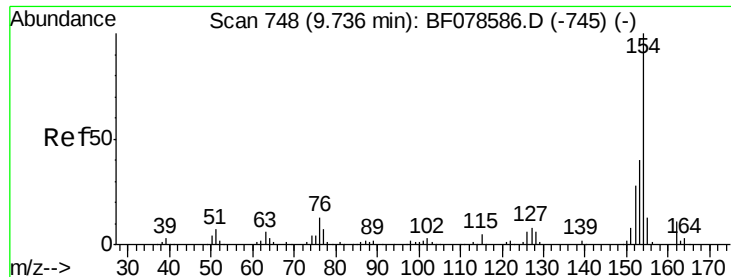
#44
 2-Fluorobiphenyl
 Concen: 83.44 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:172 Resp: 303478
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.3 18.5 27.7



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

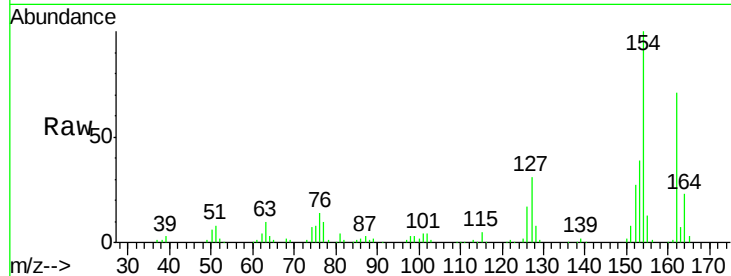




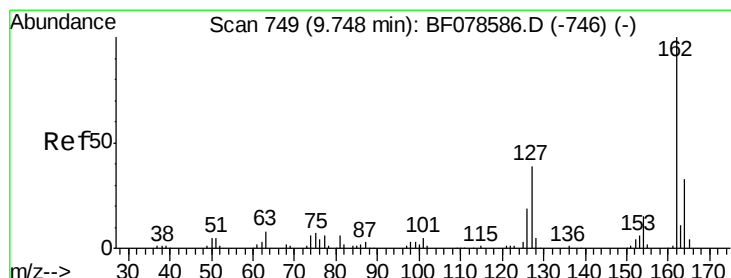
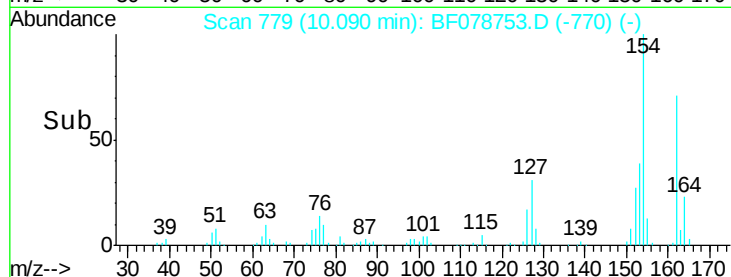
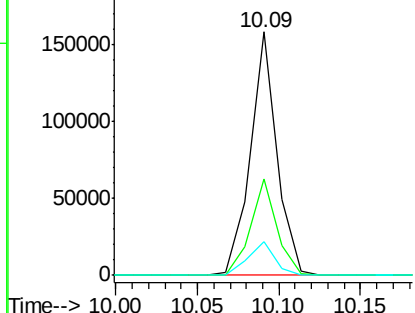
#45
 1,1'-Biphenyl
 Concen: 42.10 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:154 Resp: 179034
 Ion Ratio Lower Upper
 154 100
 153 39.3 20.0 60.0
 76 14.1 0.0 30.6

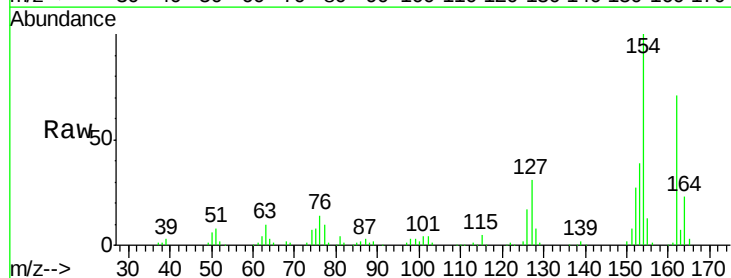


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

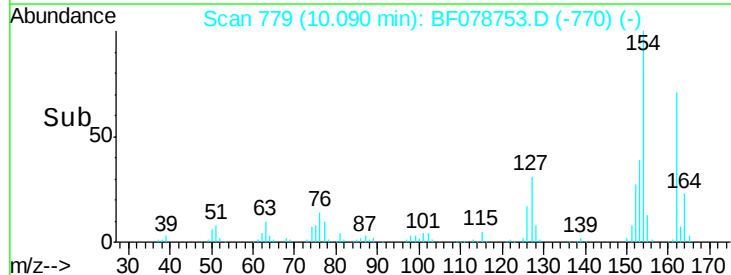
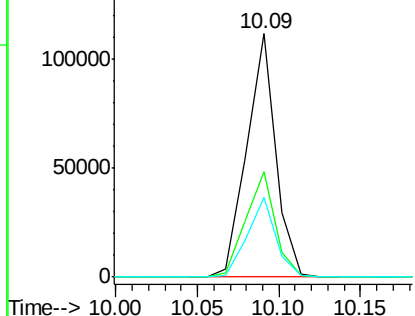


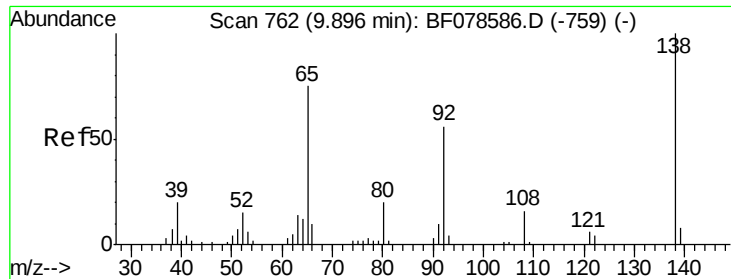
#46
 2-Chloronaphthalene
 Concen: 40.96 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:162 Resp: 137038
 Ion Ratio Lower Upper
 162 100
 127 43.3 32.6 49.0
 164 32.5 26.0 39.0



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

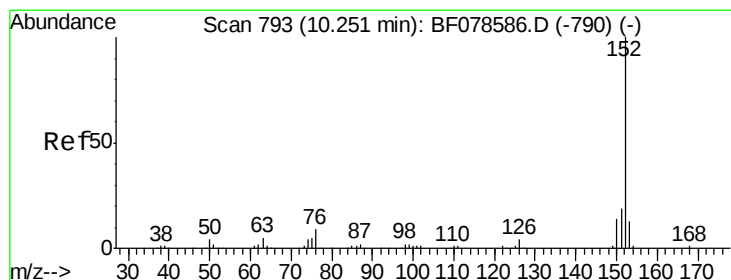
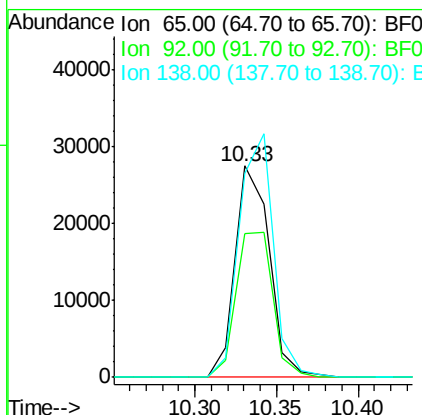
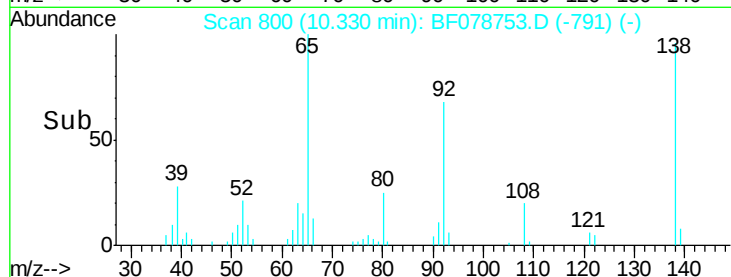
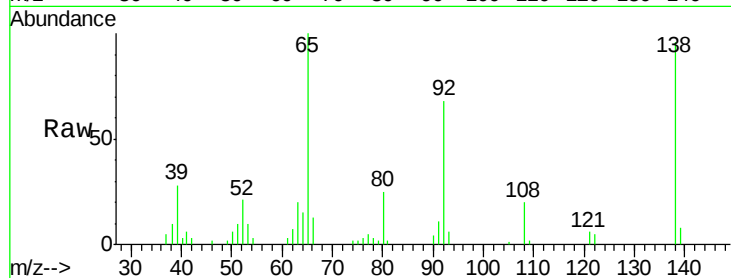




#47
 2-Nitroaniline
 Concen: 48.37 ng
 RT: 10.33 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

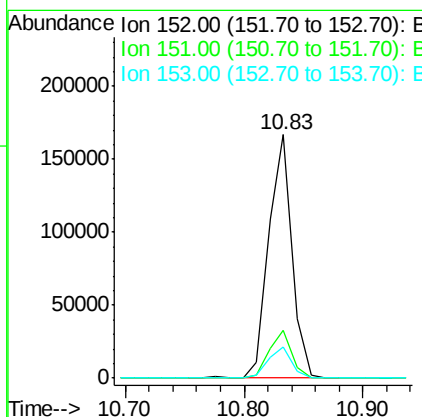
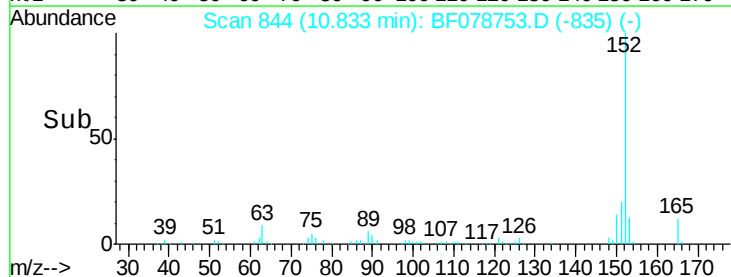
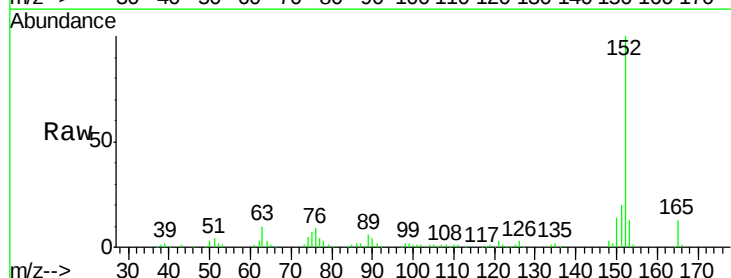
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

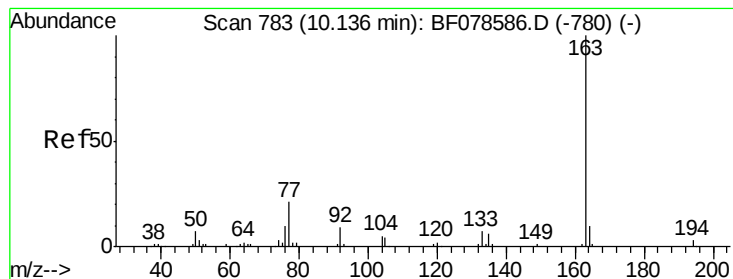
Tot Ion: 65 Resp: 40043
 Ion Ratio Lower Upper
 65 100
 92 67.8 51.3 76.9
 138 96.3 70.4 105.6



#48
 Acenaphthylene
 Concen: 42.15 ng
 RT: 10.83 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion: 152 Resp: 227718
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.7 23.5
 153 12.6 10.2 15.2





#49

Dimethylphthalate

Concen: 50.08 ng

RT: 10.74 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB-77DMSD

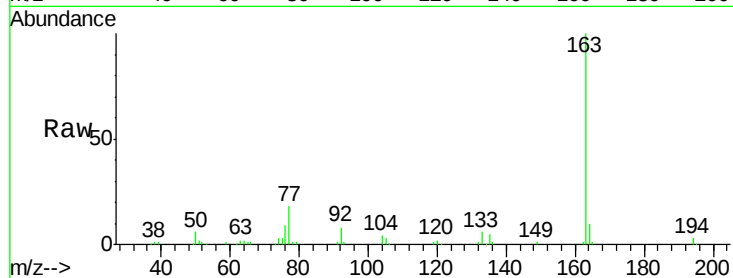
Tot Ion:163 Resp: 195610

Ion Ratio Lower Upper

163 100

194 3.5 2.3 3.5#

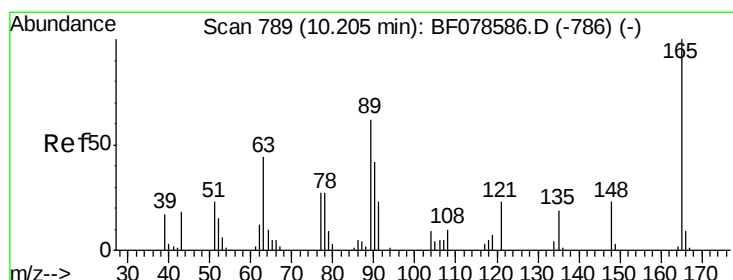
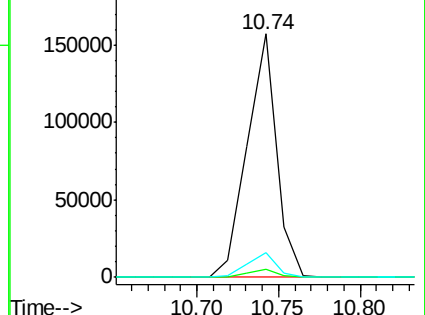
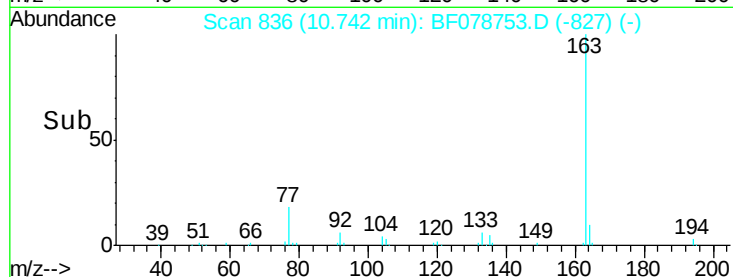
164 10.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.68 ng

RT: 10.82 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

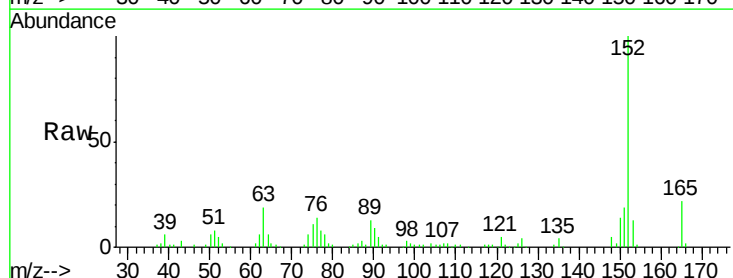
Tgt Ion:165 Resp: 35902

Ion Ratio Lower Upper

165 100

63 85.9 24.1 36.1#

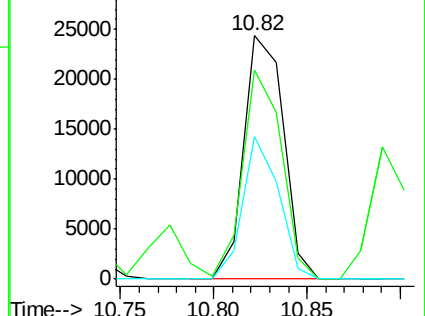
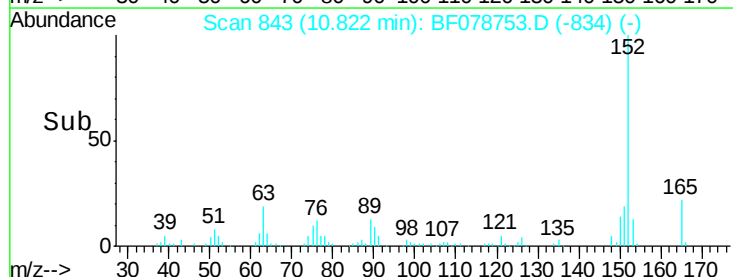
89 58.6 28.9 43.3#

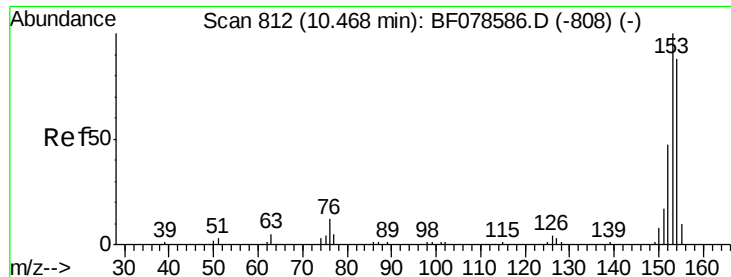


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.11 ng

RT: 11.15 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB-77DMSD

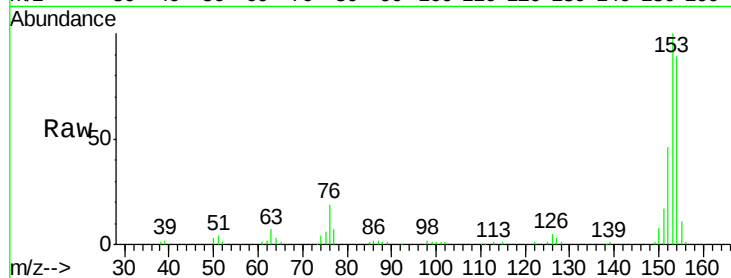
Tot Ion:154 Resp: 131126

Ion Ratio Lower Upper

154 100

153 111.8 91.4 137.2

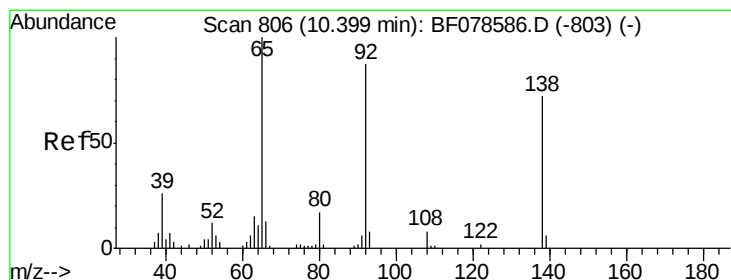
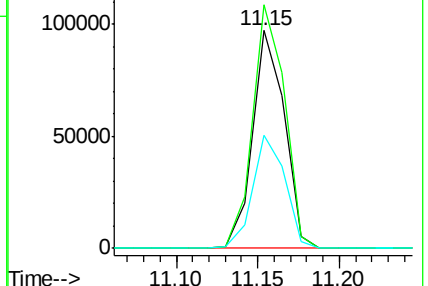
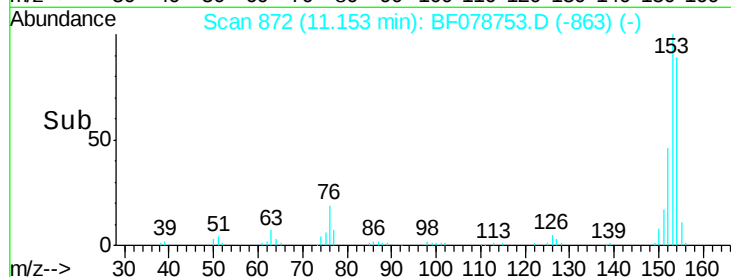
152 51.9 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.51 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

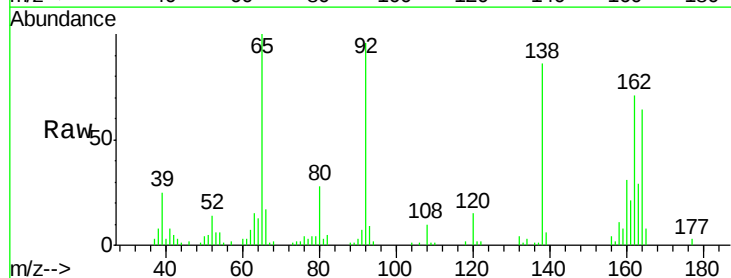
Tgt Ion:138 Resp: 32444

Ion Ratio Lower Upper

138 100

108 12.1 8.2 12.4

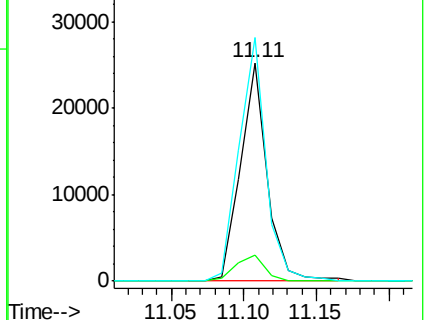
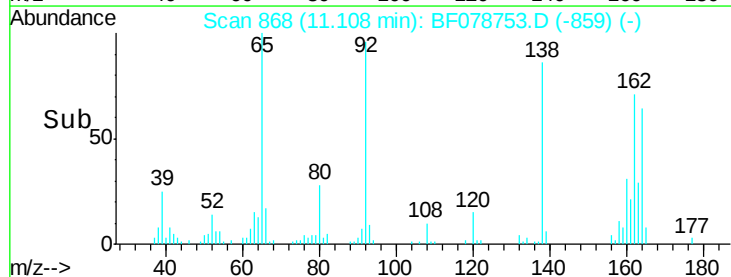
92 111.5 88.4 132.6

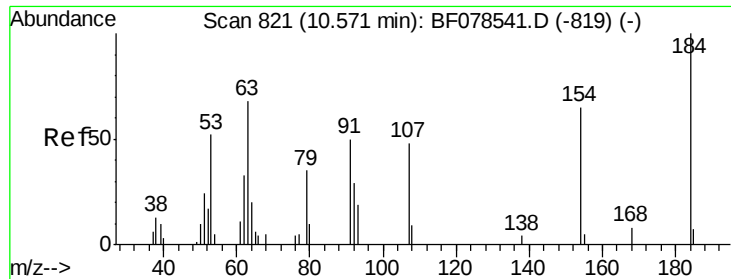


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

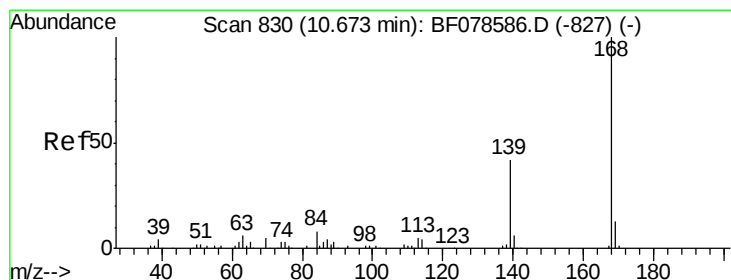
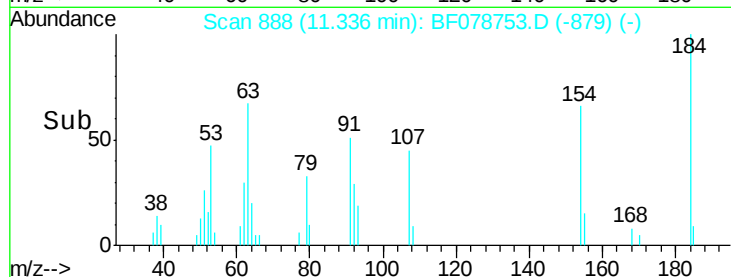
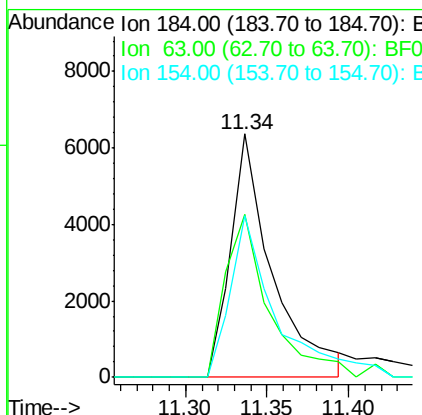
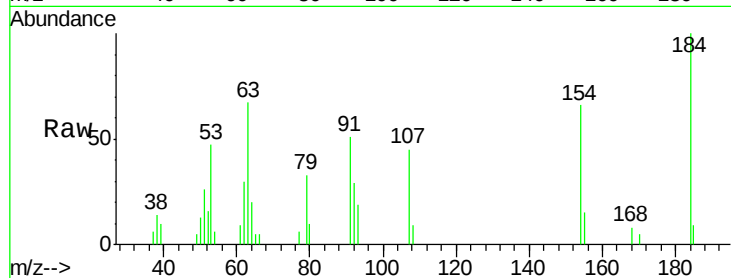




#53
 2,4-Dinitrophenol
 Concen: 46.68 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

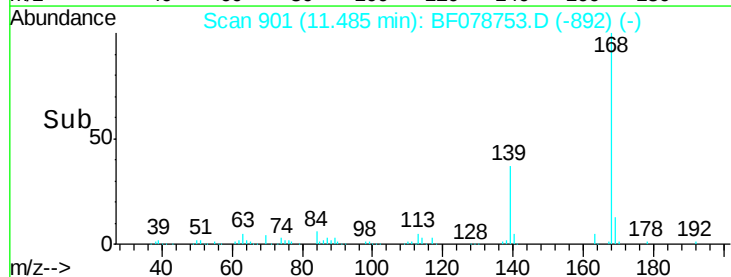
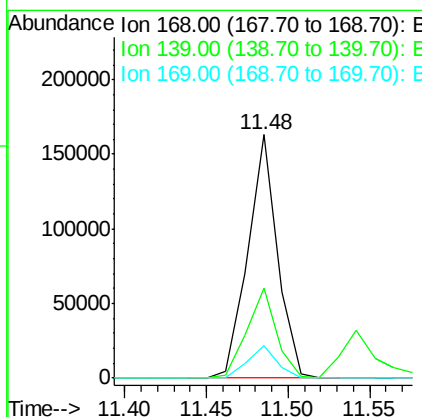
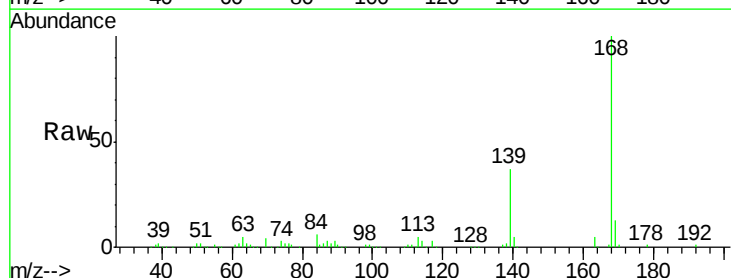
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

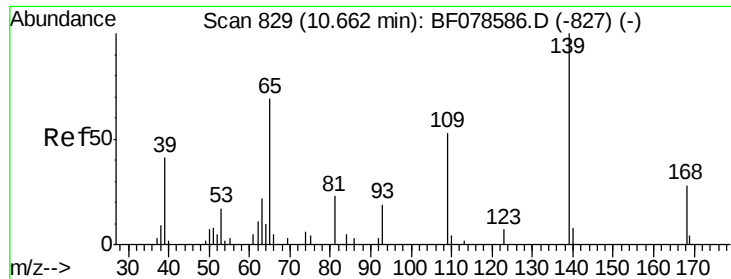
Tot Ion:184 Resp: 11279
 Ion Ratio Lower Upper
 184 100
 63 66.7 51.9 77.9
 154 66.5 51.0 76.4



#54
 Dibenzofuran
 Concen: 44.22 ng
 RT: 11.48 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:168 Resp: 205443
 Ion Ratio Lower Upper
 168 100
 139 37.0 31.0 46.4
 169 13.3 10.7 16.1

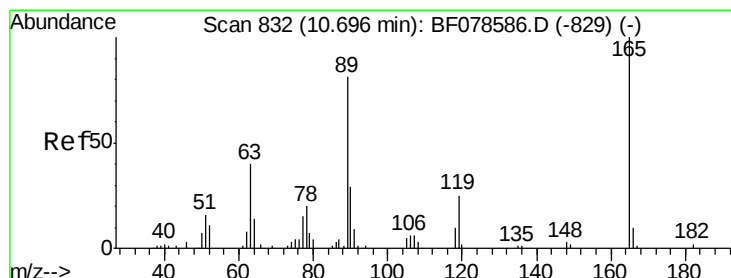
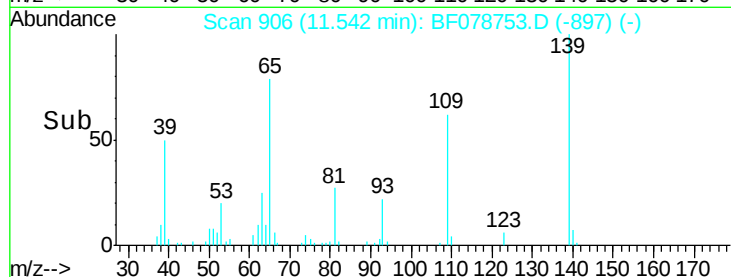
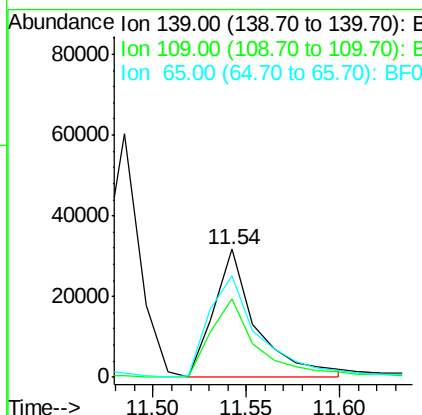
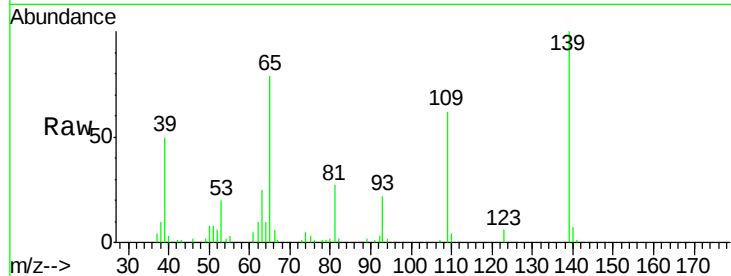




#55
4-Nitrophenol
Concen: 75.93 ng
RT: 11.54 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

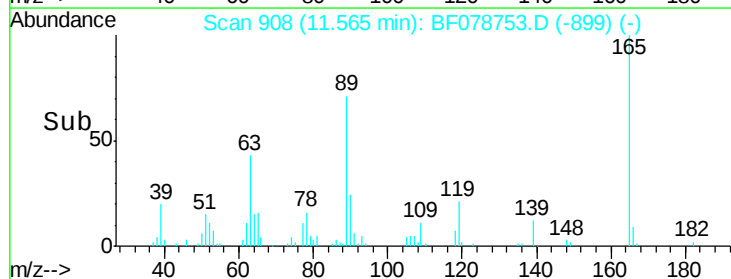
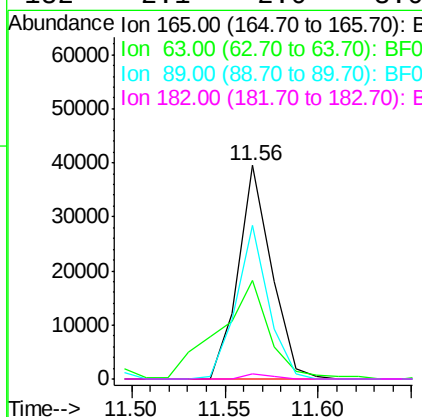
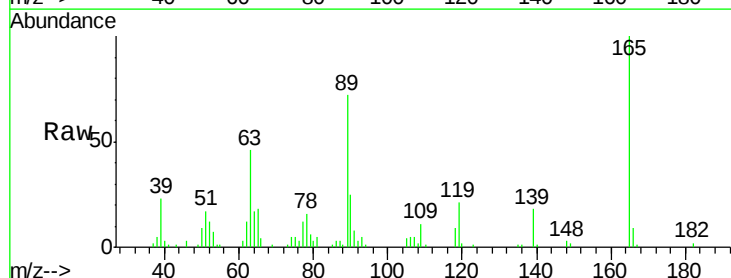
Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

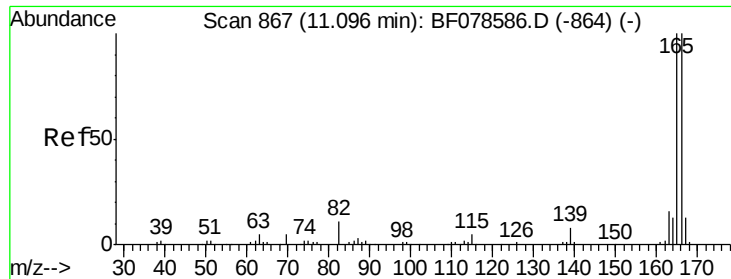
Tot Ion:139 Resp: 50992
Ion Ratio Lower Upper
139 100
109 61.7 36.7 76.7
65 79.0 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 47.34 ng
RT: 11.56 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion:165 Resp: 49271
Ion Ratio Lower Upper
165 100
63 46.4 26.5 39.7#
89 72.0 46.4 69.6#
182 2.1 2.0 3.0

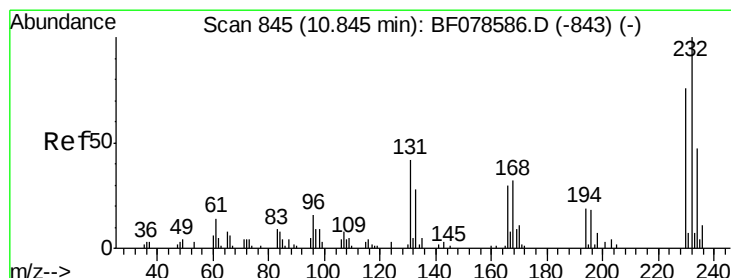
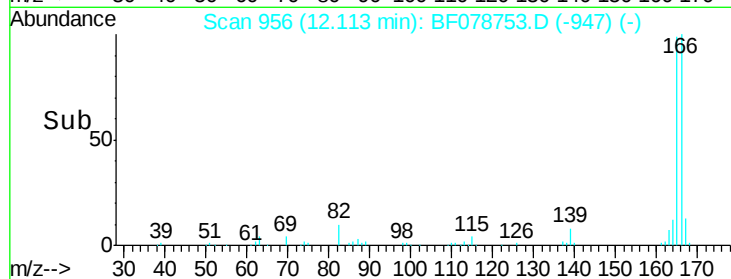
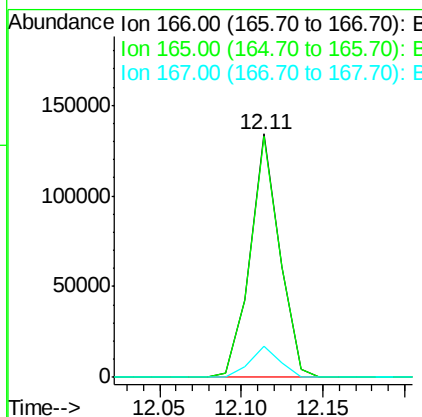
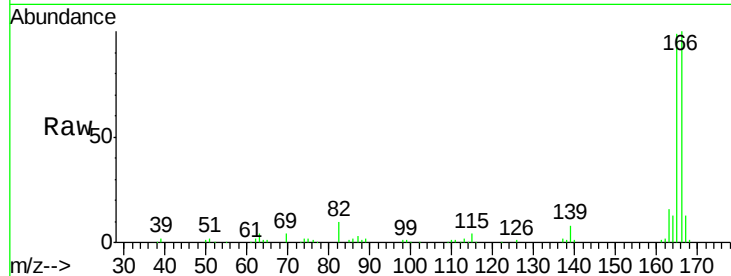




#57
 Fluorene
 Concen: 44.59 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

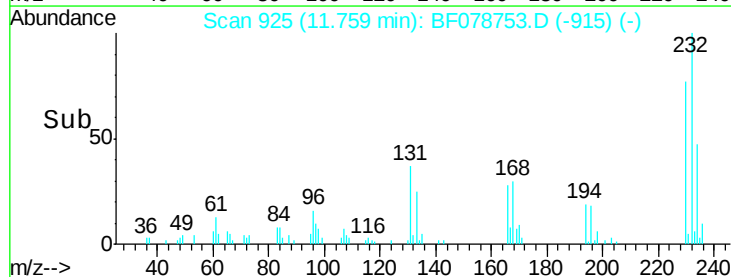
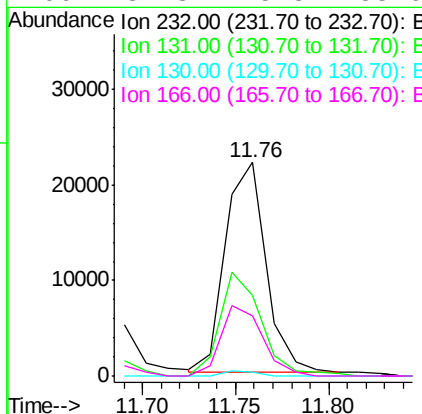
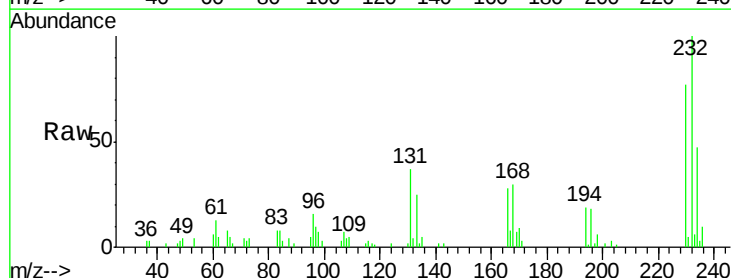
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

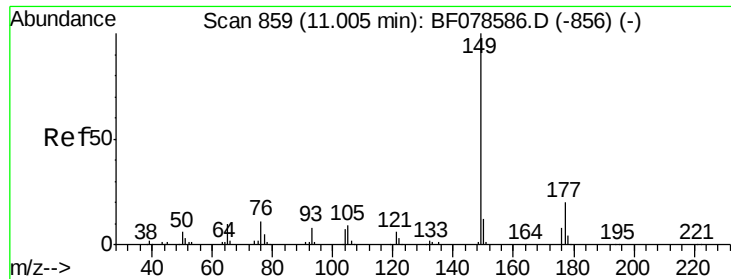
Tot Ion:166 Resp: 167938
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.9 118.3
 167 12.9 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.56 ng
 RT: 11.76 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:232 Resp: 33486
 Ion Ratio Lower Upper
 232 100
 131 50.6 37.8 56.8
 130 2.0 1.5 2.3
 166 34.3 25.8 38.6

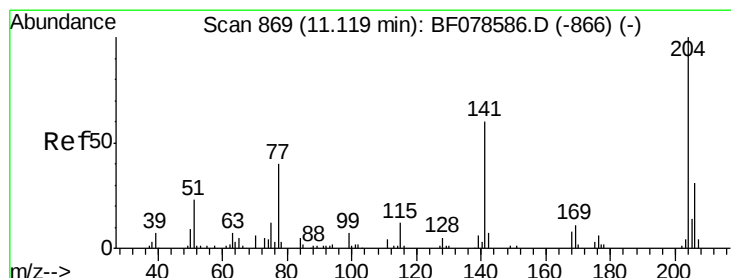
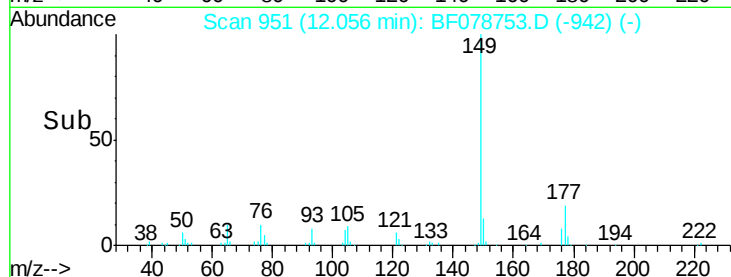
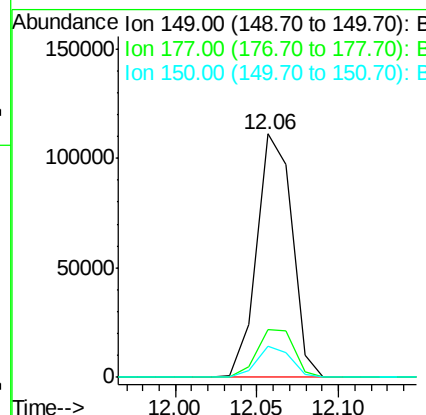
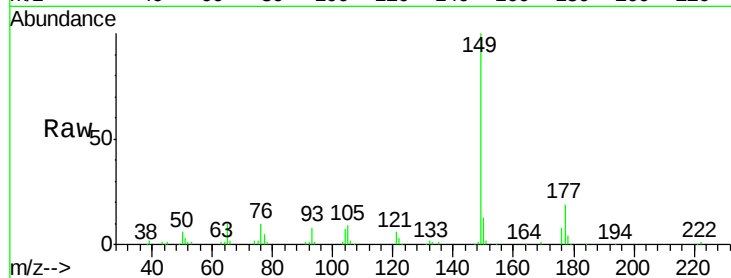




#59
Diethylphthalate
Concen: 44.41 ng
RT: 12.06 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

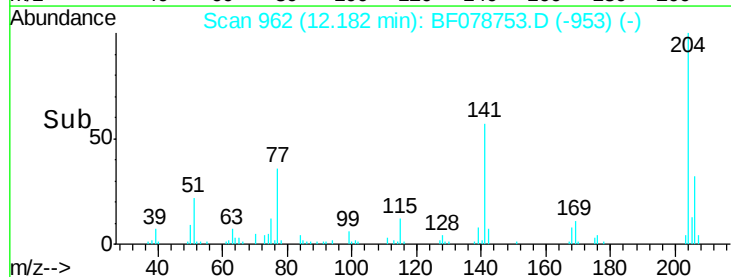
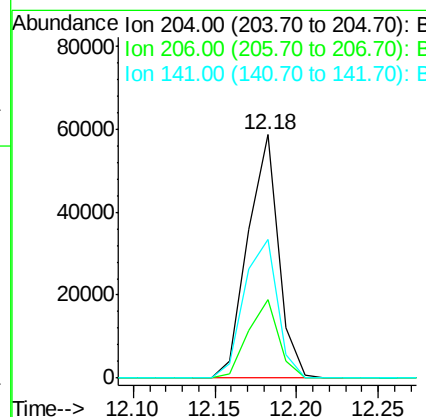
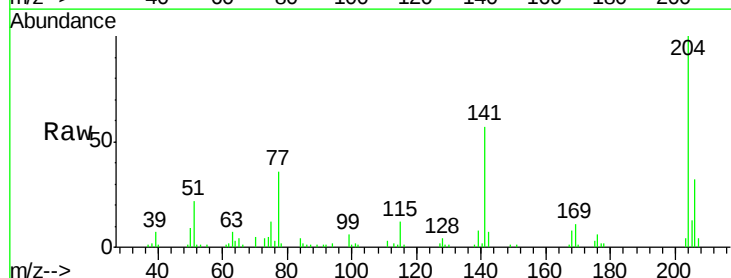
Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

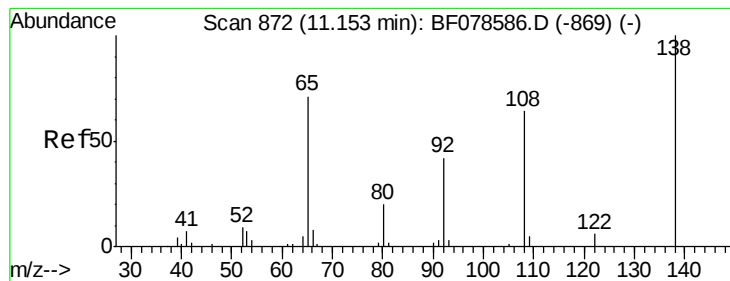
Tot Ion:149 Resp: 167235
Ion Ratio Lower Upper
149 100
177 19.5 17.4 26.2
150 12.8 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 44.14 ng
RT: 12.18 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion:204 Resp: 76474
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 57.0 35.4 53.0#

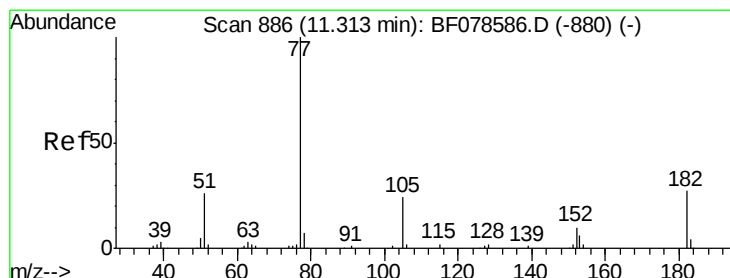
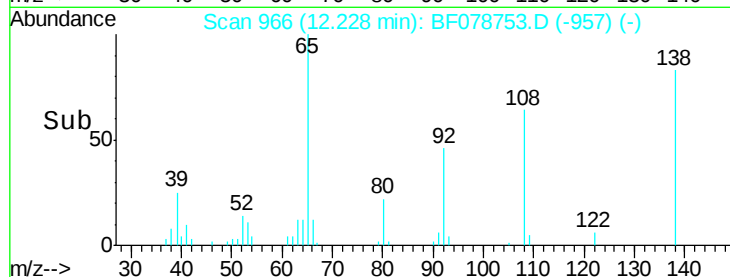
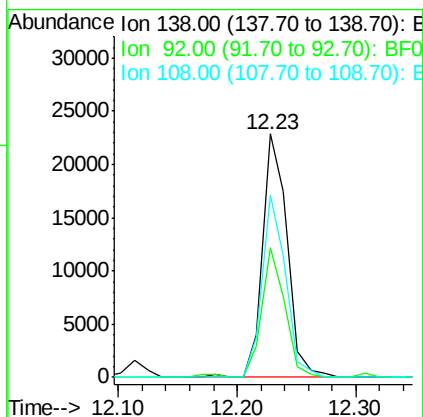
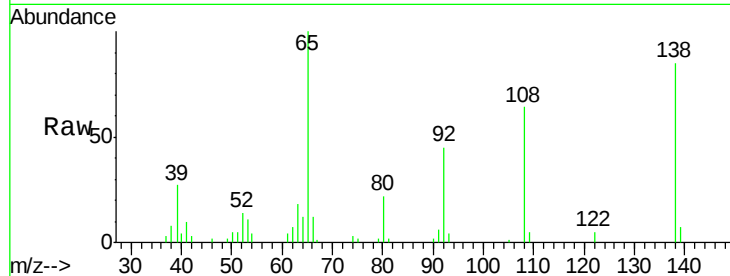




#61
4-Nitroaniline
Concen: 35.74 ng
RT: 12.23 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

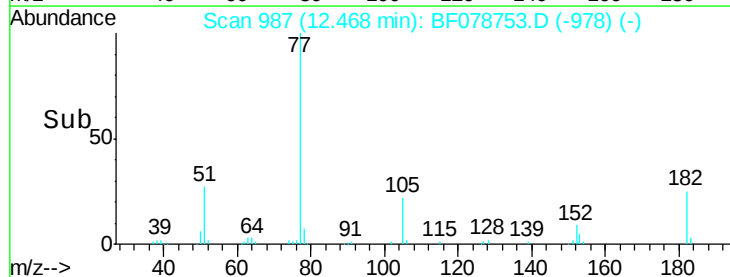
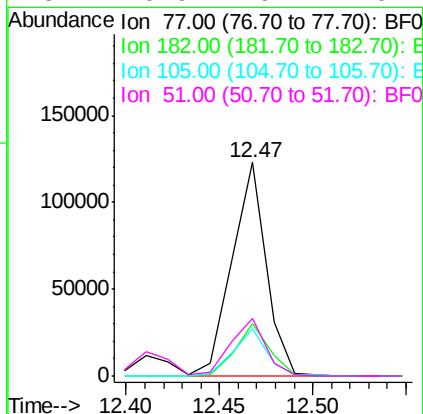
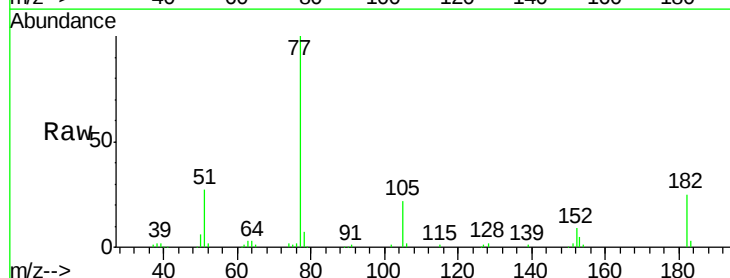
Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

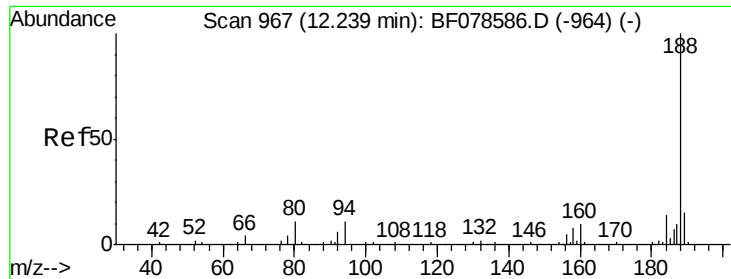
Tot Ion:138 Resp: 33014
Ion Ratio Lower Upper
138 100
92 53.3 27.3 67.3
108 75.0 47.2 87.2



#62
Azobenzene
Concen: 45.96 ng
RT: 12.47 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion: 77 Resp: 157958
Ion Ratio Lower Upper
77 100
182 24.7 0.0 36.8
105 22.4 0.3 40.3
51 26.9 9.1 49.1

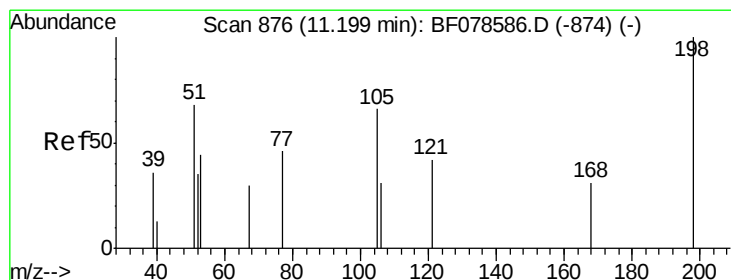
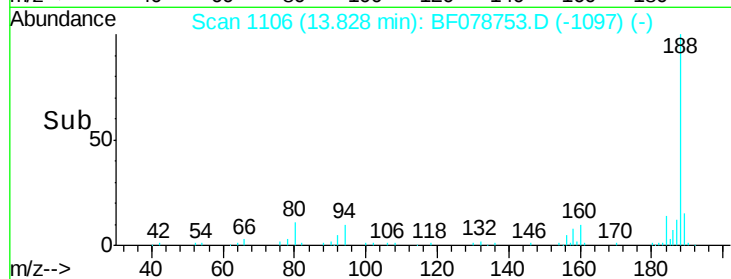
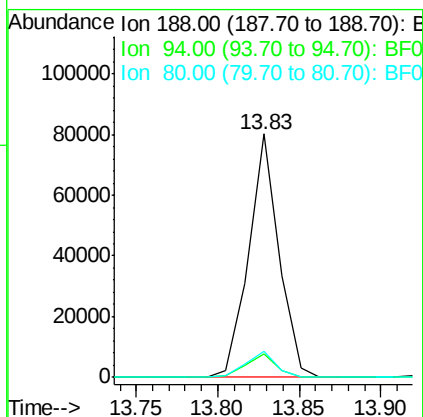
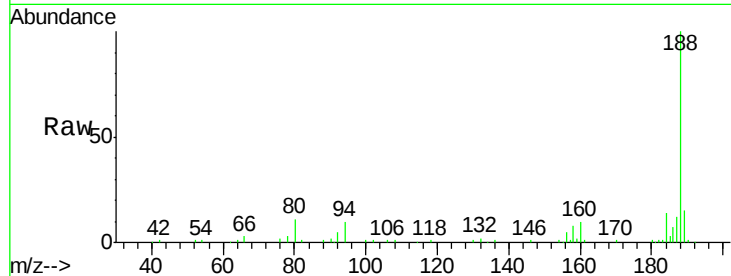




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

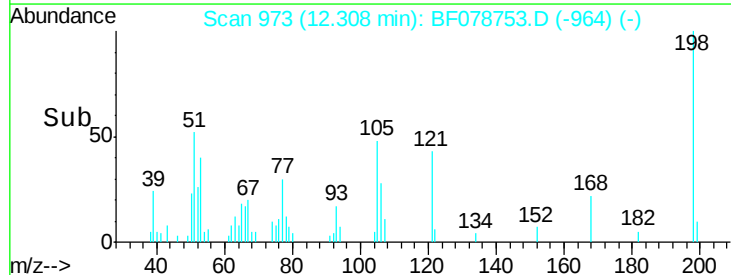
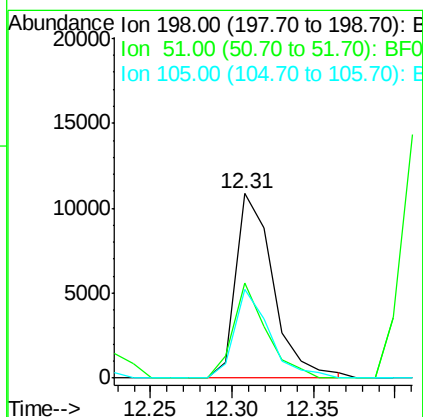
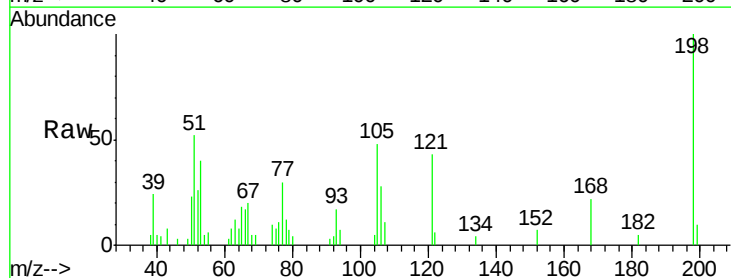
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

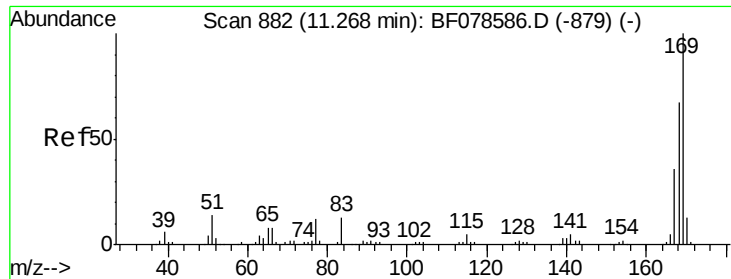
Tot Ion:188 Resp: 102647
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.0 13.4
 80 10.8 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.28 ng
 RT: 12.31 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:198 Resp: 17188
 Ion Ratio Lower Upper
 198 100
 51 51.7 48.6 88.6
 105 48.3 45.8 85.8

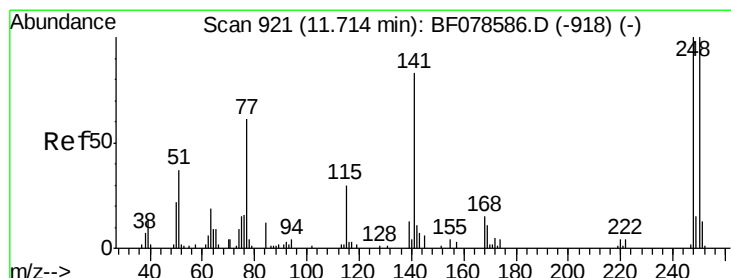
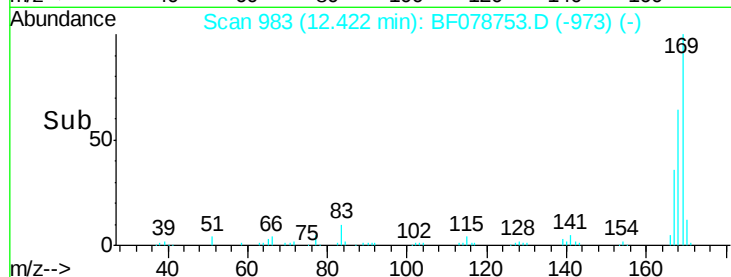
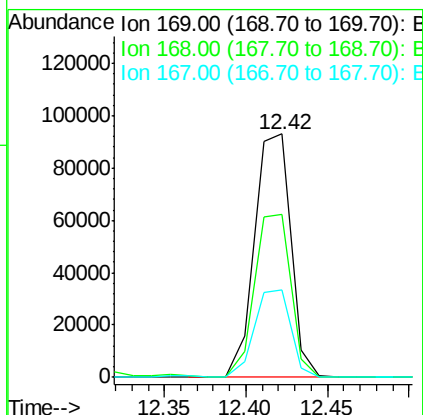
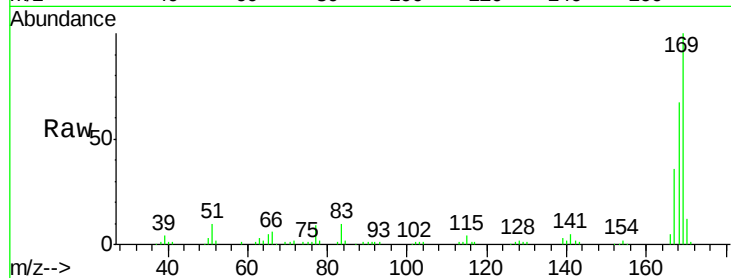




#65
 n-Nitrosodiphenylamine
 Concen: 40.56 ng
 RT: 12.42 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

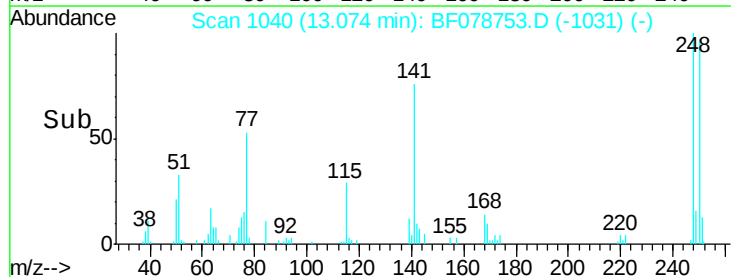
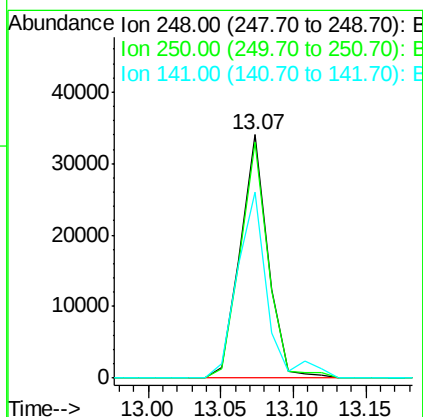
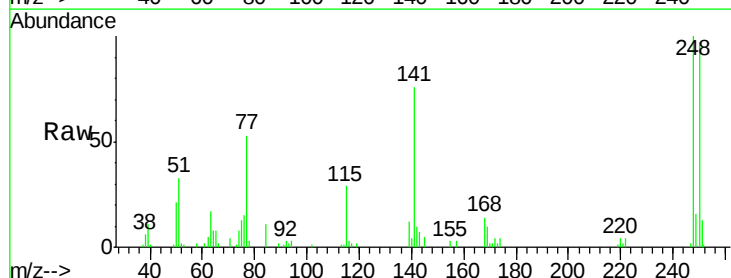
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

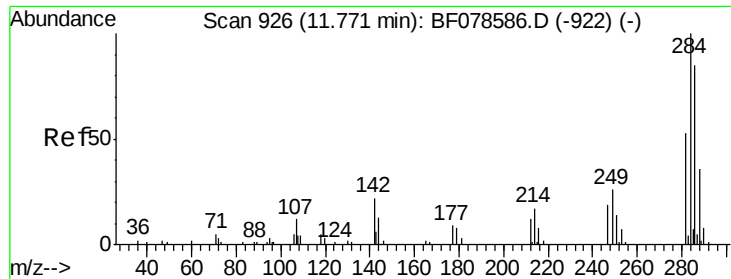
Tot Ion:169 Resp: 144013
 Ion Ratio Lower Upper
 169 100
 168 67.0 55.0 82.4
 167 35.7 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 41.89 ng
 RT: 13.07 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:248 Resp: 45541
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.2 117.2
 141 76.5 66.4 99.6

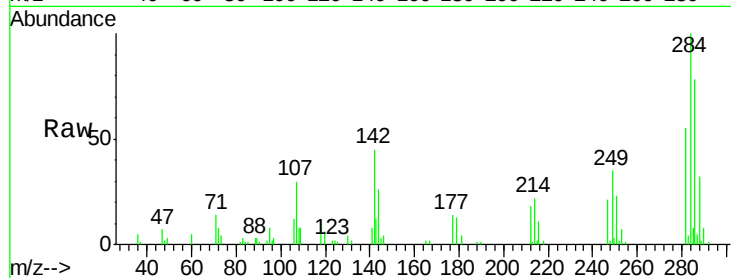




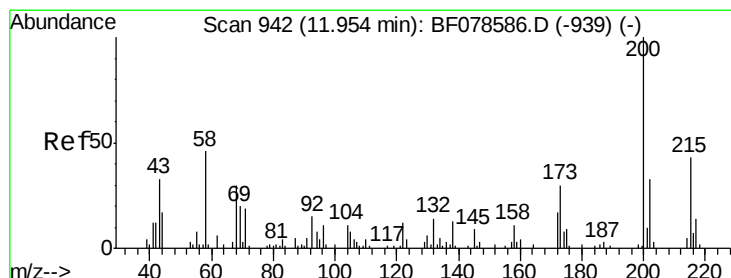
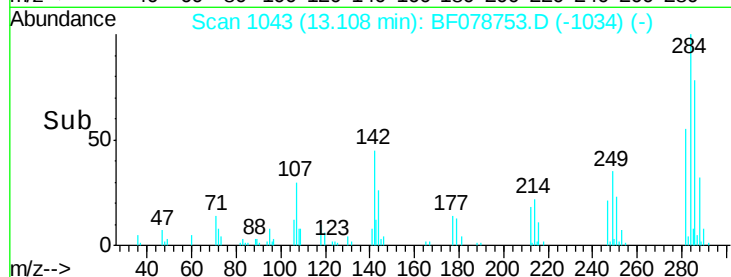
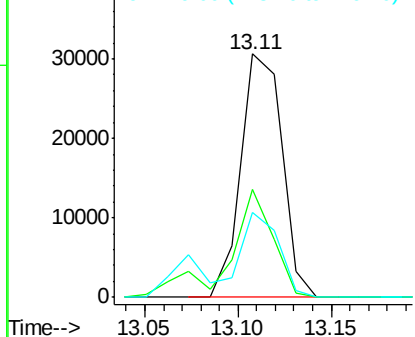
#67
Hexachlorobenzene
Concen: 39.53 ng
RT: 13.11 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion:284 Resp: 47091
Ion Ratio Lower Upper
284 100
142 44.5 24.5 36.7#
249 35.1 24.8 37.2

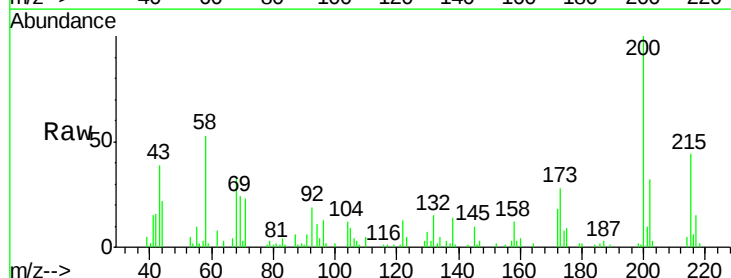


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

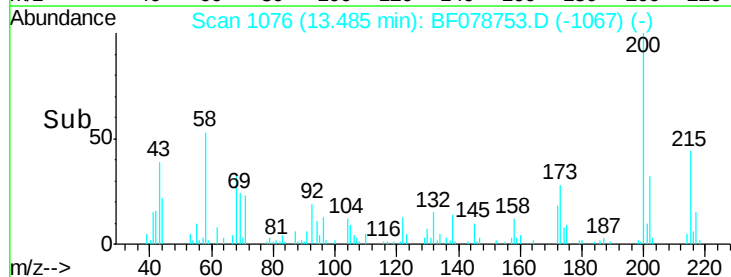
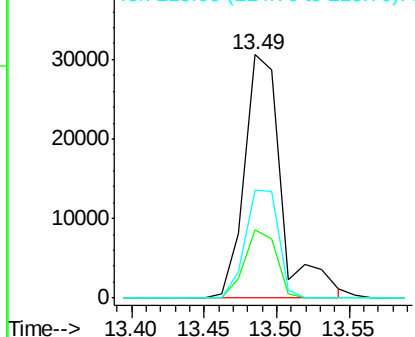


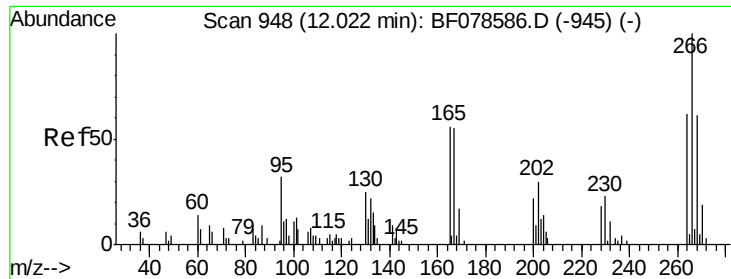
#68
Atrazine
Concen: 52.80 ng
RT: 13.49 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion:200 Resp: 54298
Ion Ratio Lower Upper
200 100
173 27.9 6.9 46.9
215 44.1 27.1 67.1



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

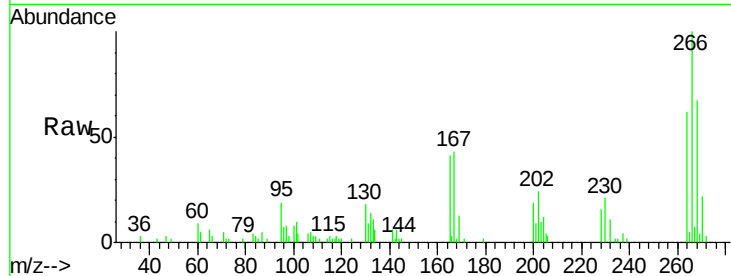




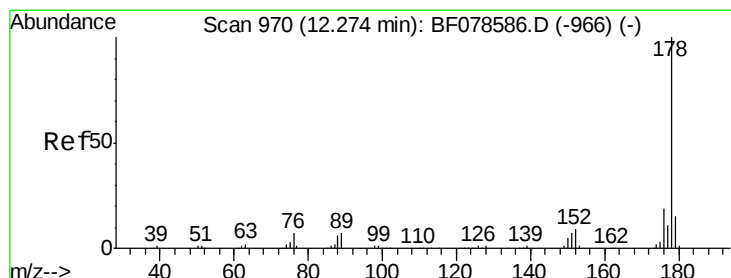
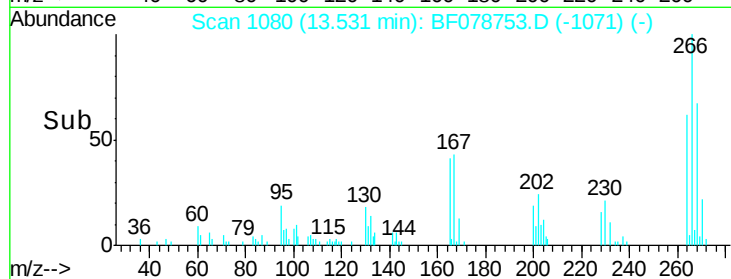
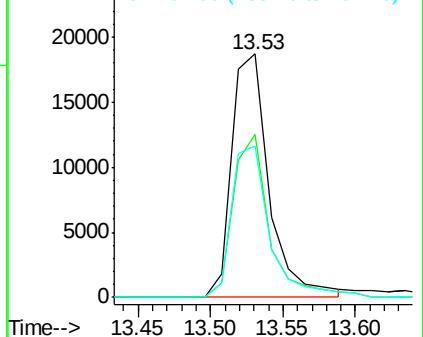
#69
 Pentachlorophenol
 Concen: 65.04 ng
 RT: 13.53 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:266 Resp: 33511
 Ion Ratio Lower Upper
 266 100
 268 66.7 50.1 75.1
 264 62.4 50.0 75.0

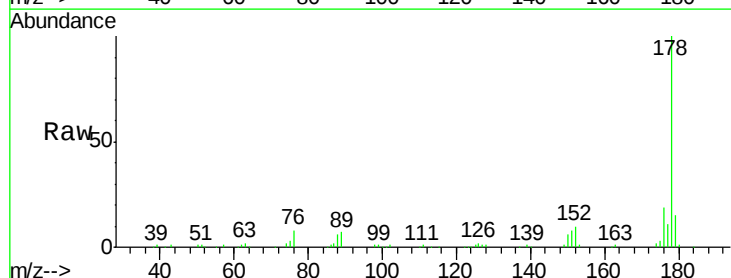


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

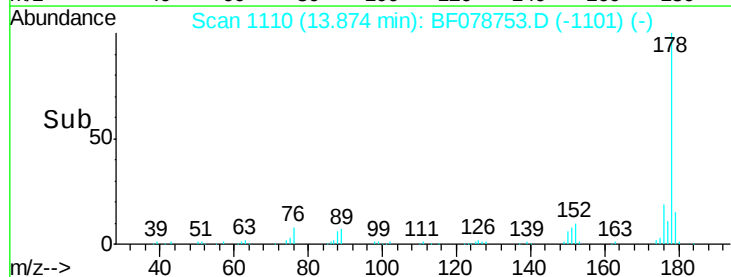
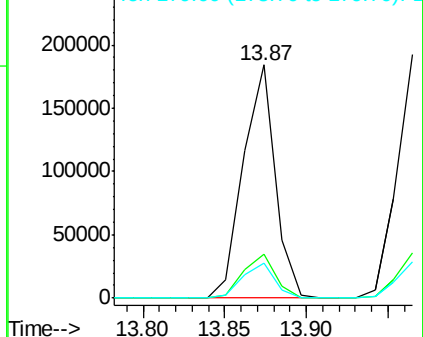


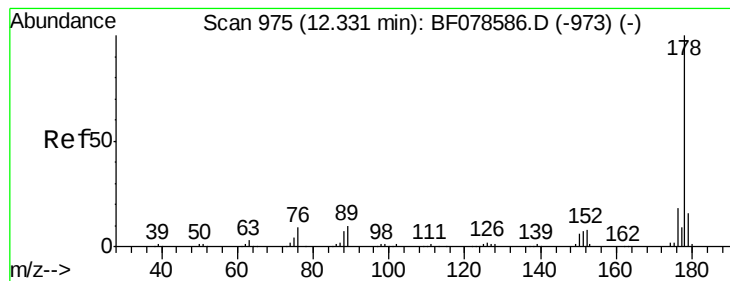
#70
 Phenanthrene
 Concen: 42.05 ng
 RT: 13.87 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:178 Resp: 249669
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.2 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: 41.42 ng

RT: 13.97 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB-77DMSD

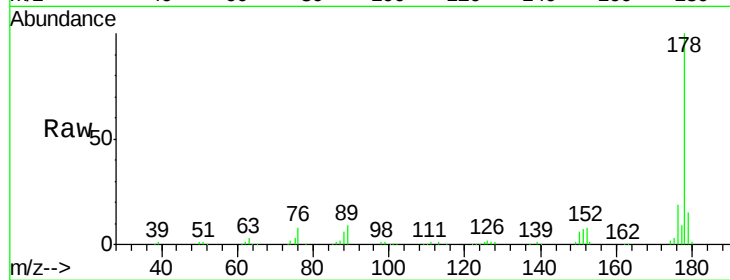
Tot Ion:178 Resp: 242364

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

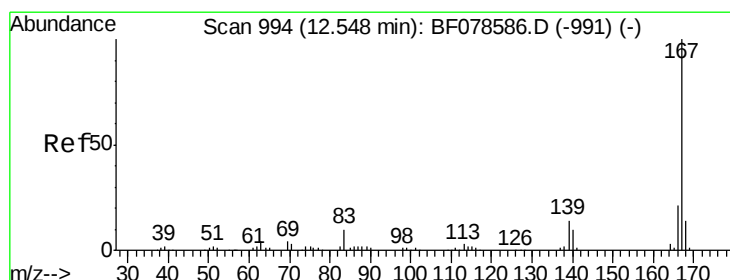
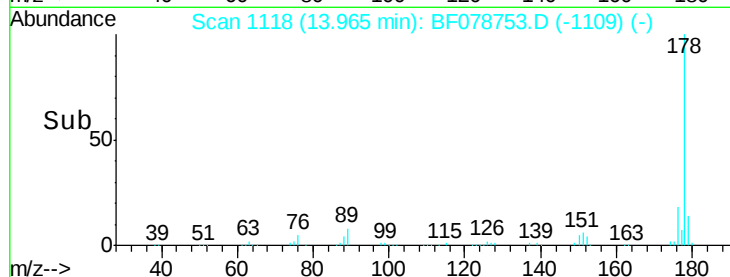
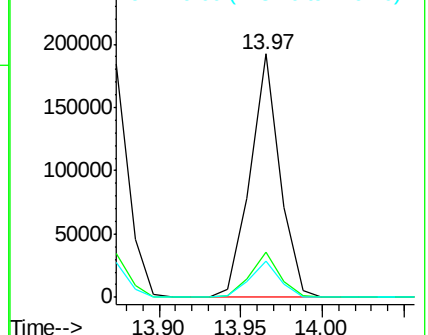
179 15.1 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.67 ng

RT: 14.31 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

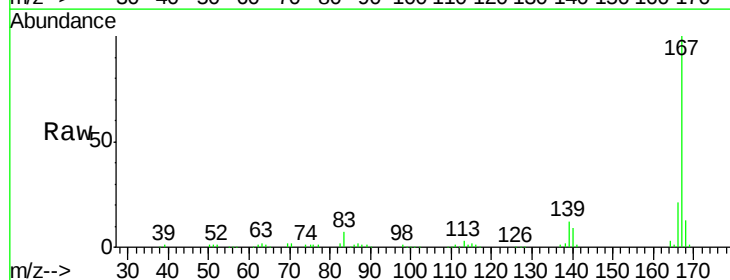
Tgt Ion:167 Resp: 244939

Ion Ratio Lower Upper

167 100

166 21.0 16.8 25.2

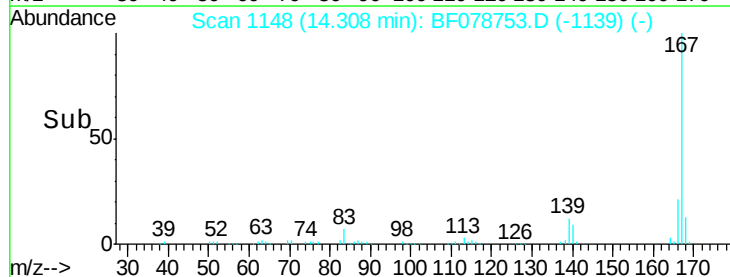
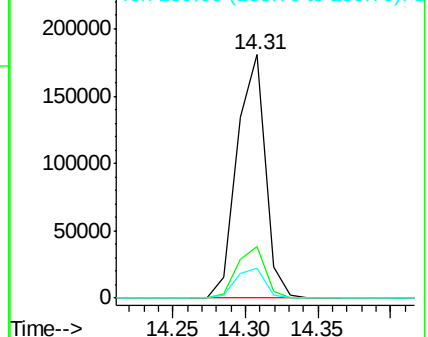
139 12.2 10.0 15.0

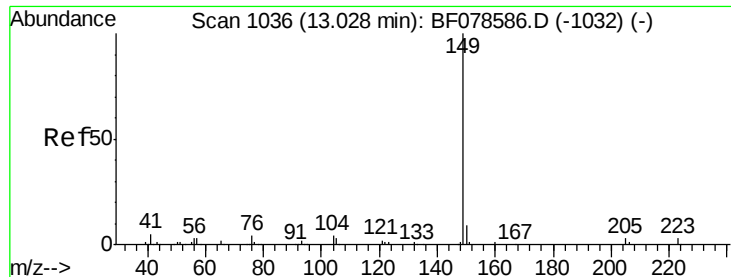


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

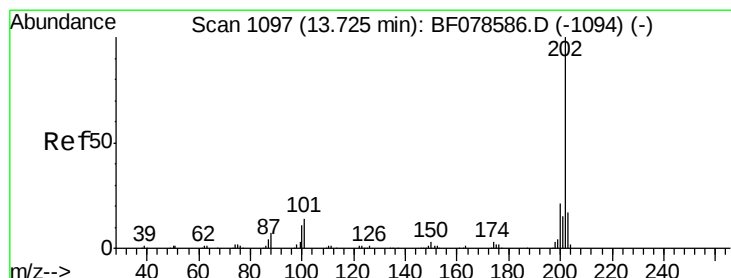
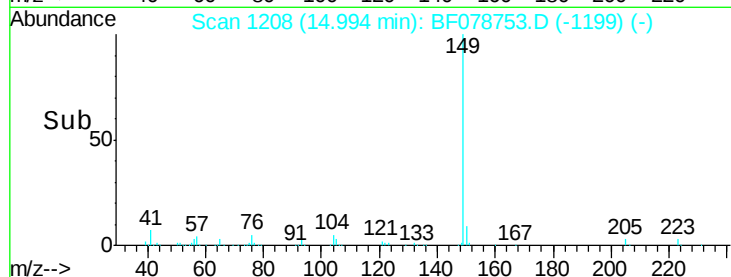
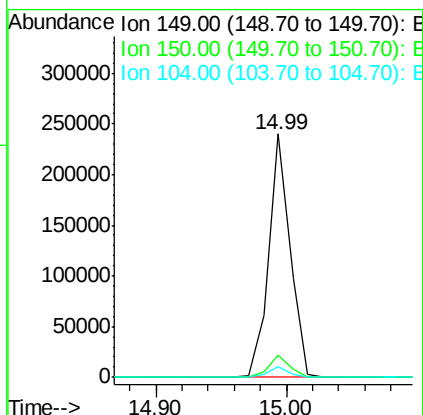
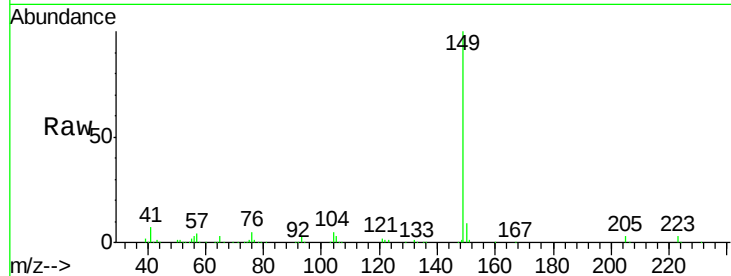




#73
Di-n-butylphthalate
Concen: 44.65 ng
RT: 14.99 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

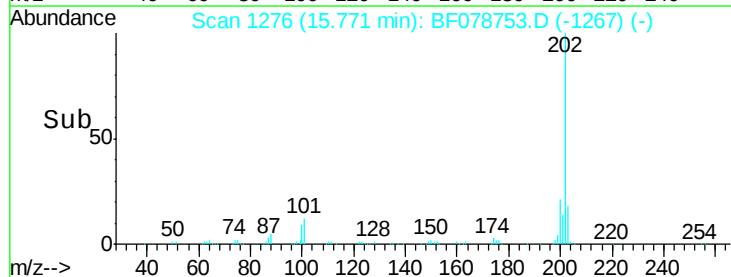
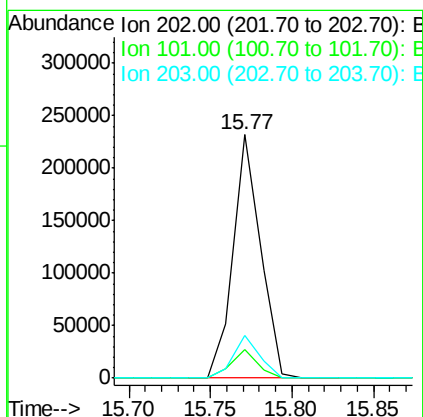
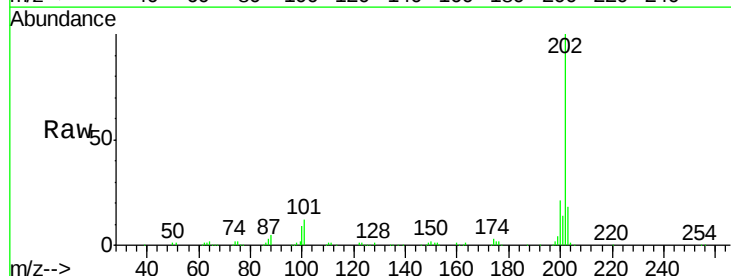
Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

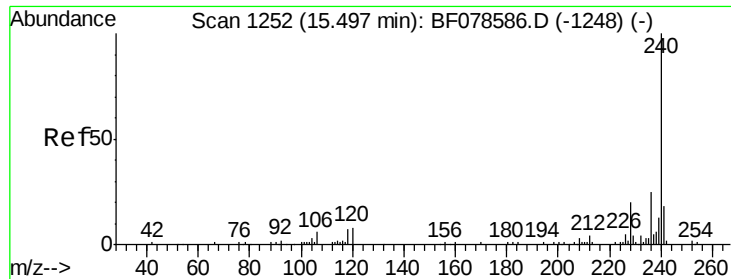
Tot Ion:149 Resp: 277351
Ion Ratio Lower Upper
149 100
150 9.0 7.1 10.7
104 4.6 3.8 5.6



#74
Fluoranthene
Concen: 42.95 ng
RT: 15.77 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion:202 Resp: 268957
Ion Ratio Lower Upper
202 100
101 11.7 0.0 35.2
203 17.6 0.0 38.5

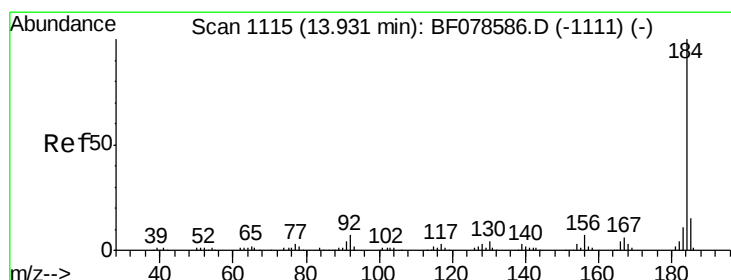
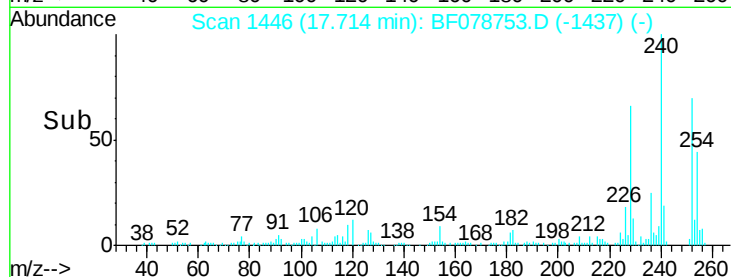
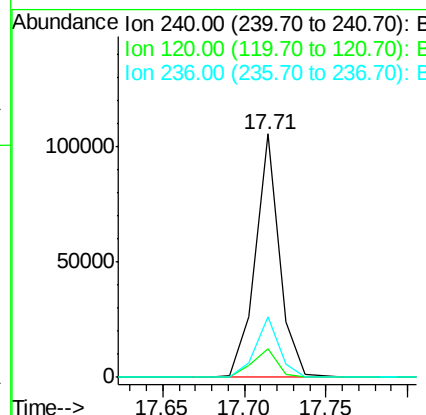
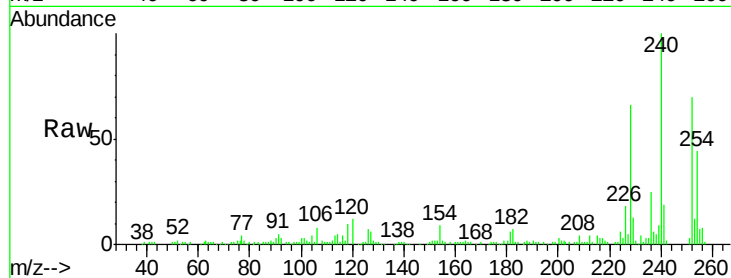




#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

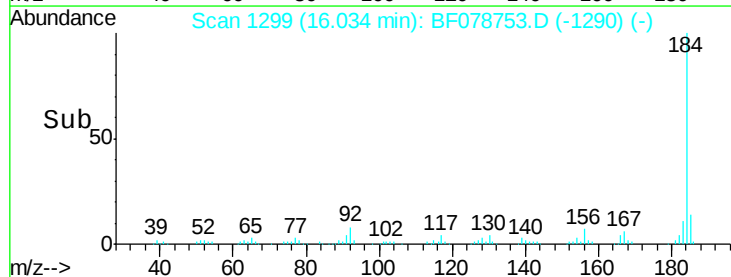
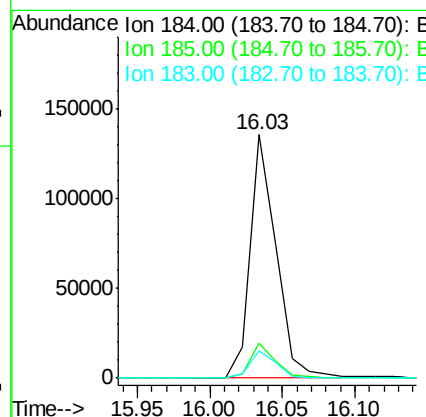
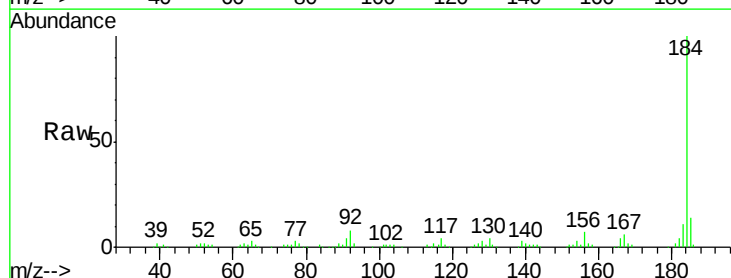
Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

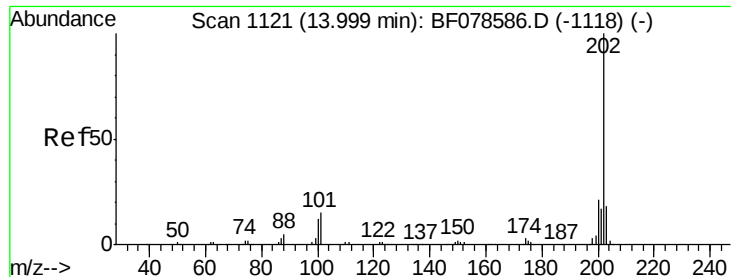
Tot Ion:240 Resp: 108569
Ion Ratio Lower Upper
240 100
120 11.5 7.1 10.7#
236 24.8 21.4 32.2



#76
Benzidine
Concen: 40.41 ng
RT: 16.03 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion:184 Resp: 168916
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 11.4 9.5 14.3

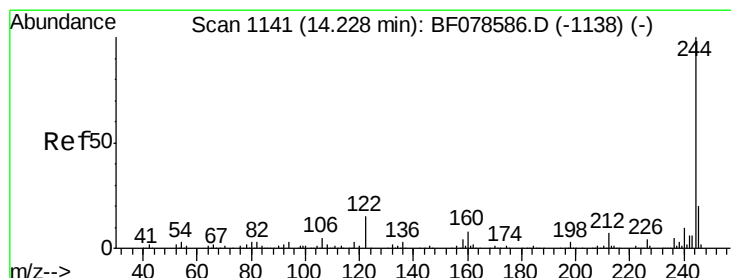
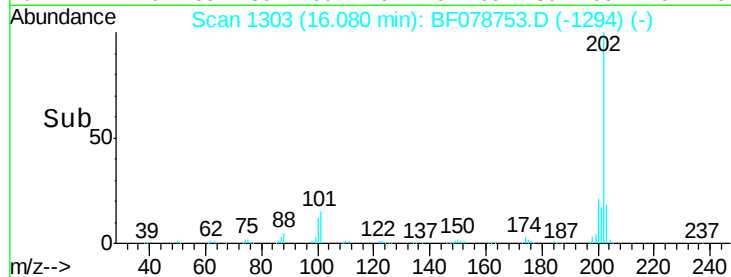
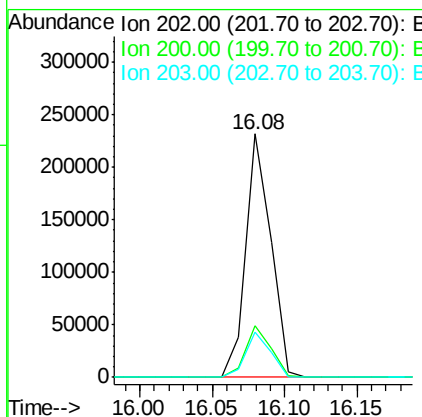
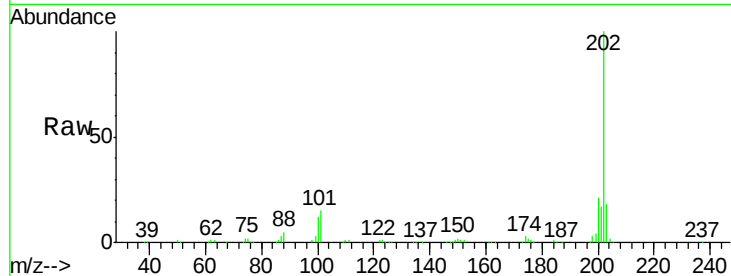




#77
Pvrene
Concen: 40.83 ng
RT: 16.08 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

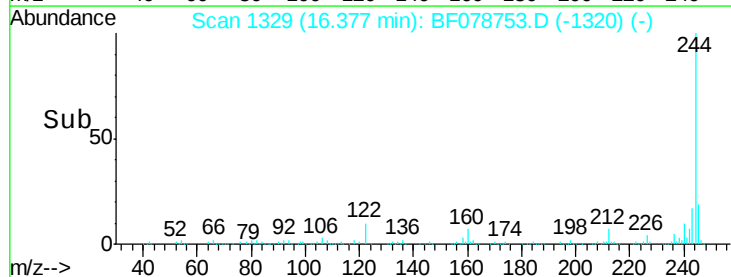
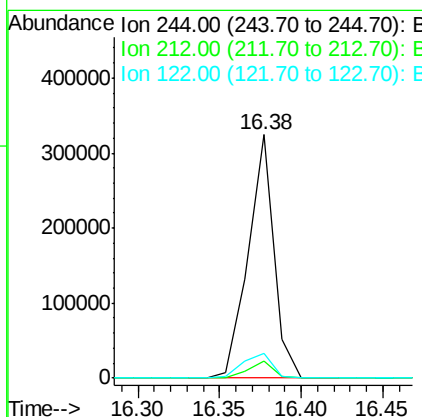
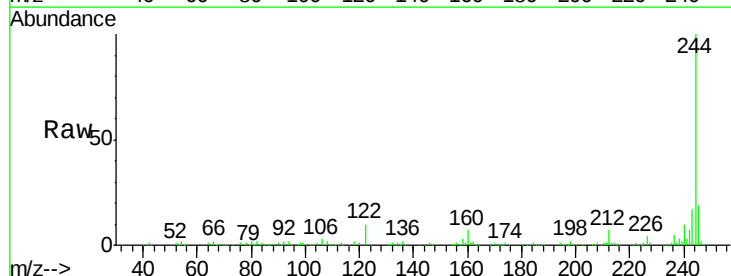
Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

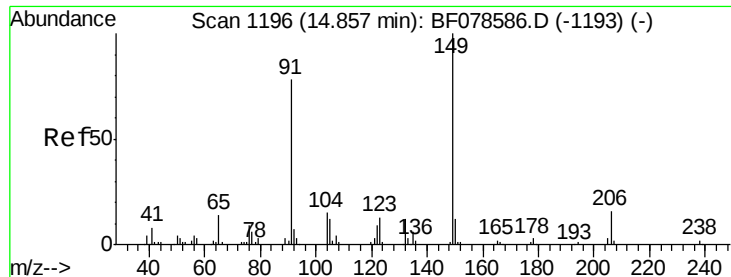
Tot Ion:202 Resp: 278302
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 18.5 13.8 20.6



#78
Terphenyl-d14
Concen: 73.67 ng
RT: 16.38 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion:244 Resp: 353973
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 10.2 7.1 10.7

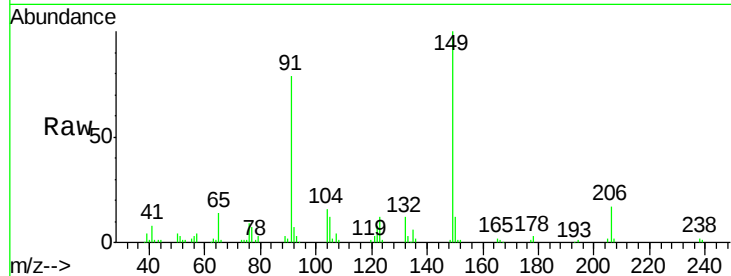




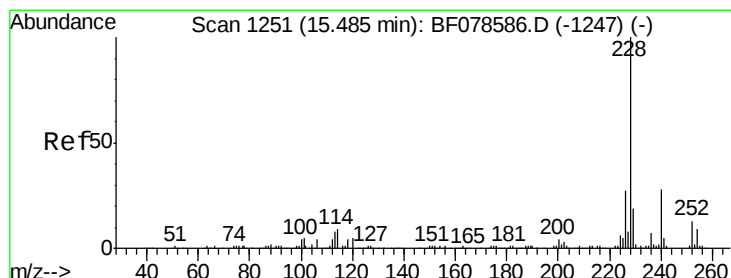
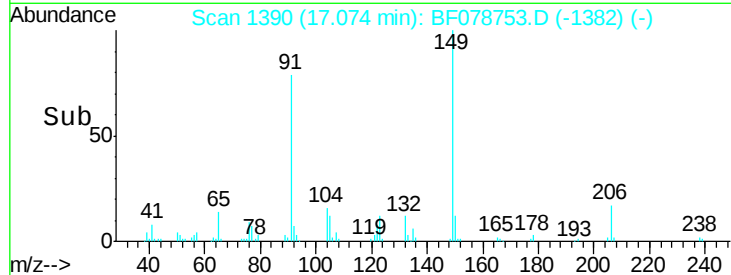
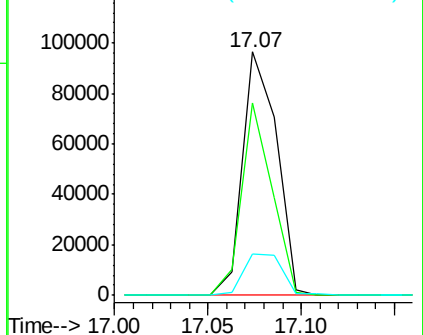
#79
Butylbenzylphthalate
Concen: 47.22 ng
RT: 17.07 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion:149 Resp: 122669
Ion Ratio Lower Upper
149 100
91 78.8 64.2 96.2
206 17.1 12.6 18.8

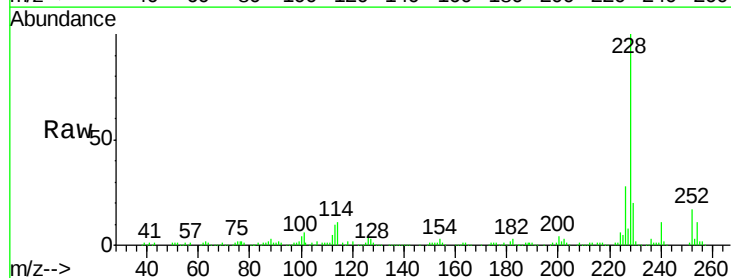


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

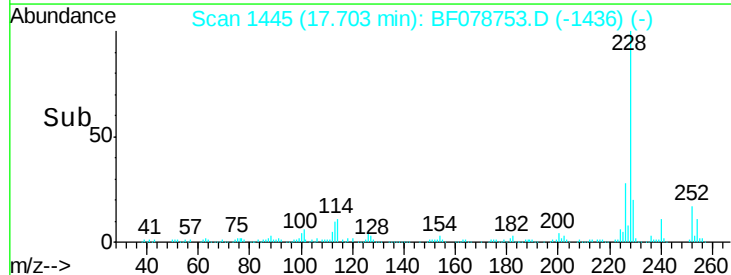
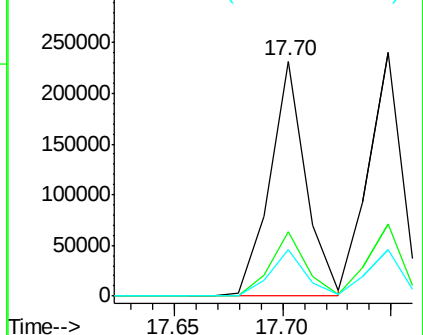


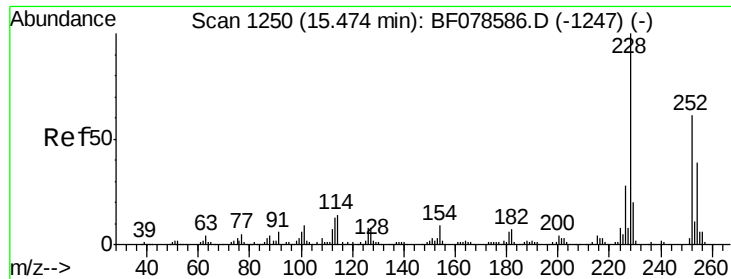
#80
Benzo(a)anthracene
Concen: 41.18 ng
RT: 17.70 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion:228 Resp: 266027
Ion Ratio Lower Upper
228 100
226 27.6 21.3 31.9
229 19.7 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

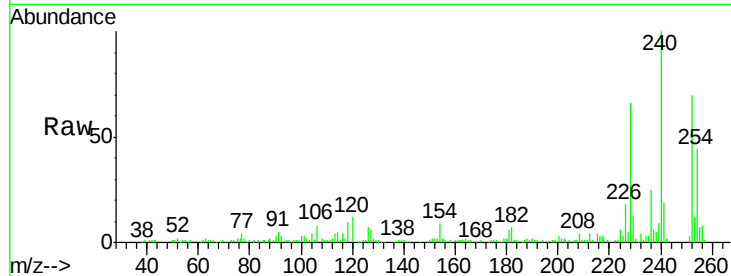




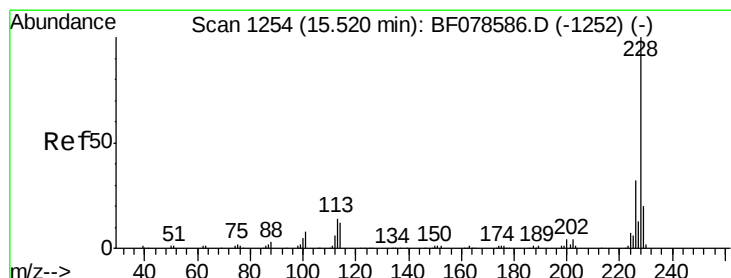
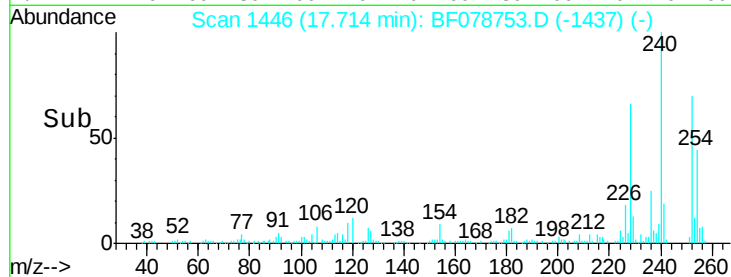
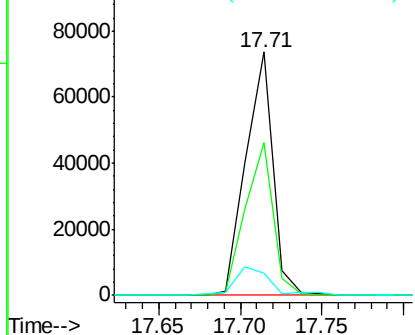
#81
 3,3'-Dichlorobenzidine
 Concen: 39.16 ng
 RT: 17.71 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:252 Resp: 84710
 Ion Ratio Lower Upper
 252 100
 254 62.9 51.2 76.8
 126 9.3 6.3 9.5

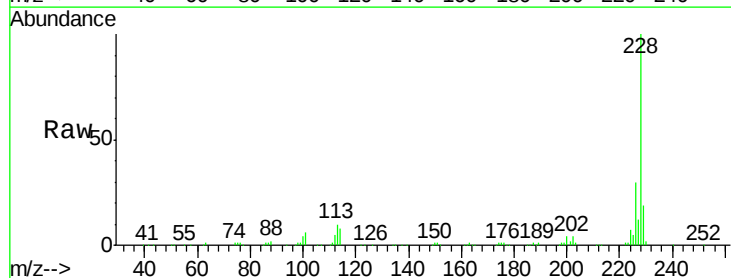


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

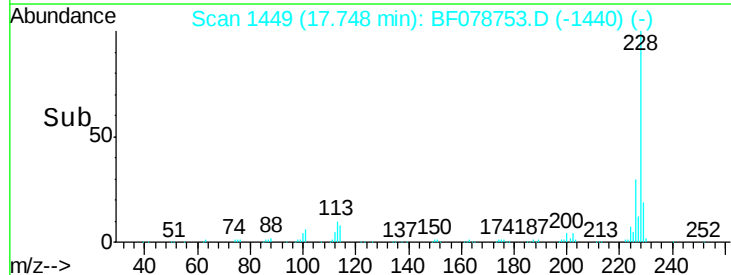
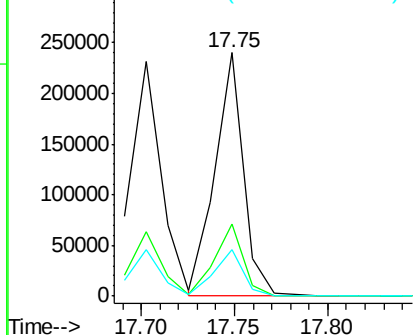


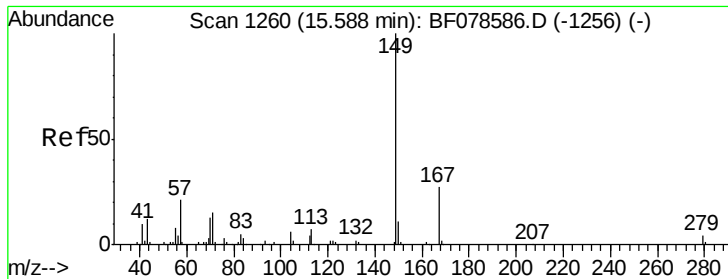
#82
 Chrysene
 Concen: 42.06 ng
 RT: 17.75 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion:228 Resp: 255243
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.2 36.4
 229 19.3 15.8 23.8



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

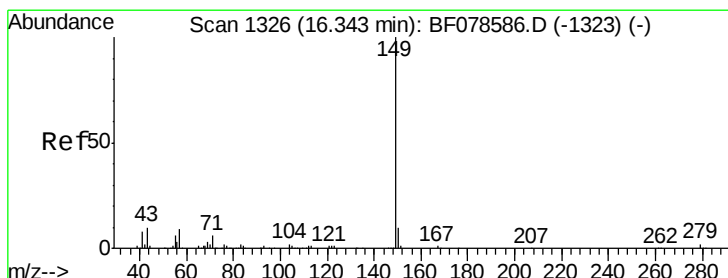
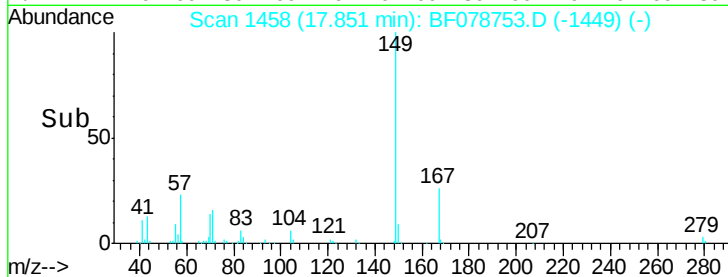
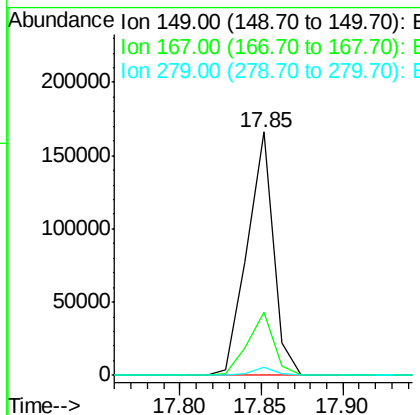
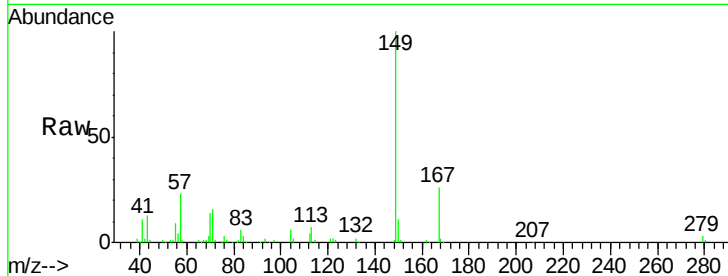




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.30 ng
 RT: 17.85 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

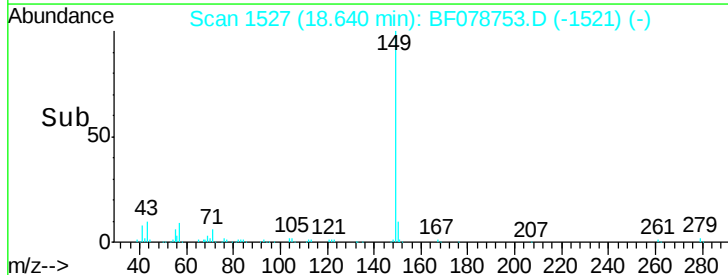
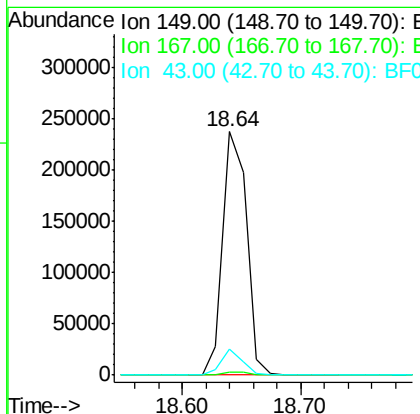
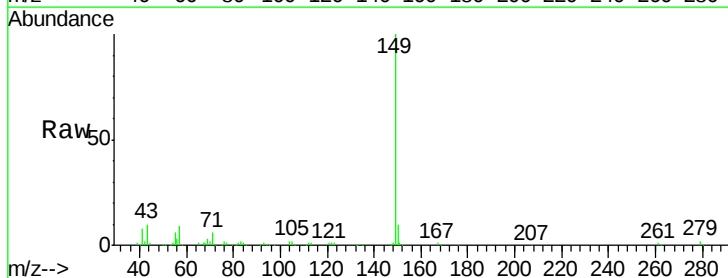
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

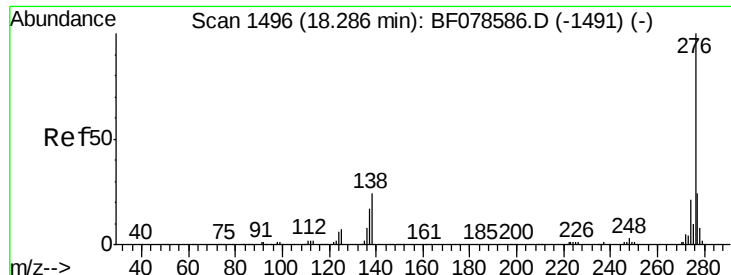
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	22.2	33.2
279	3.3	3.2	4.8



#84
 Di-n-octyl phthalate
 Concen: 49.41 ng
 RT: 18.64 min Scan# 1527
 Delta R.T. -0.03 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.0	0.0	0.0#

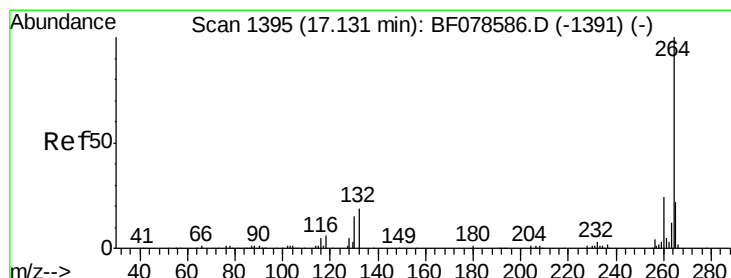
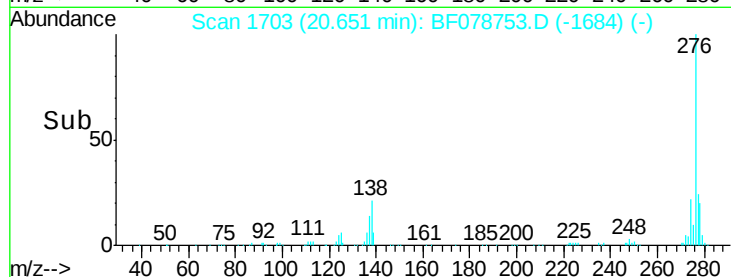
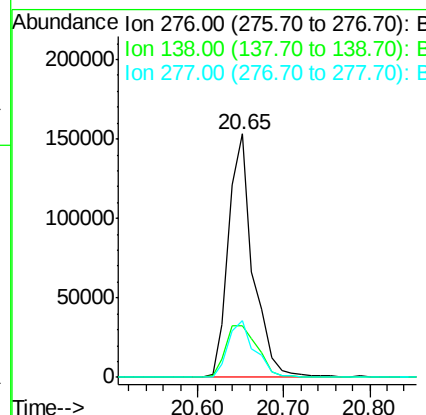
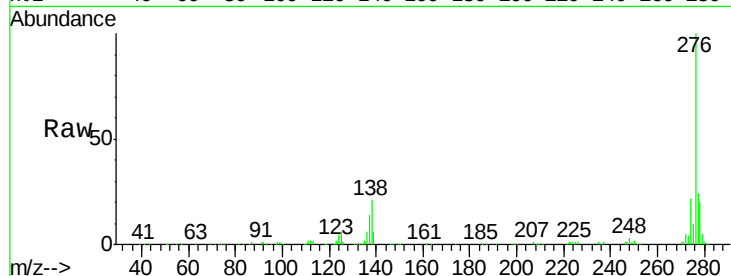




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.10 ng/mL
 RT: 20.65 min Scan# 1703
 Delta R.T. -0.08 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

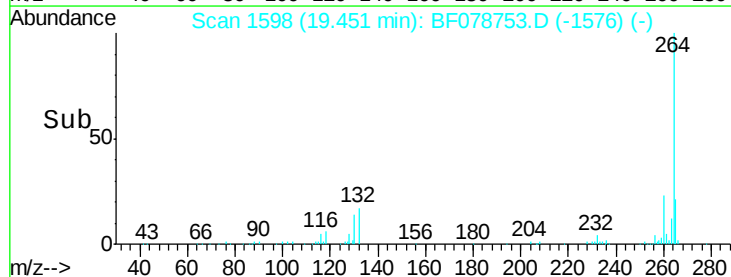
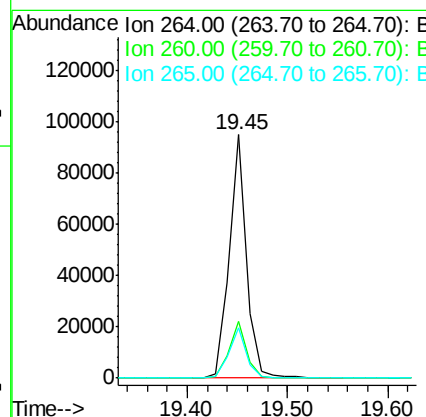
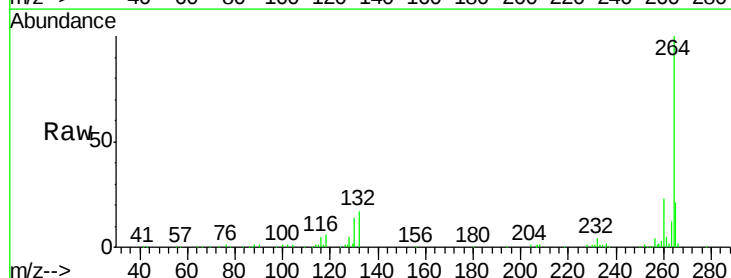
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

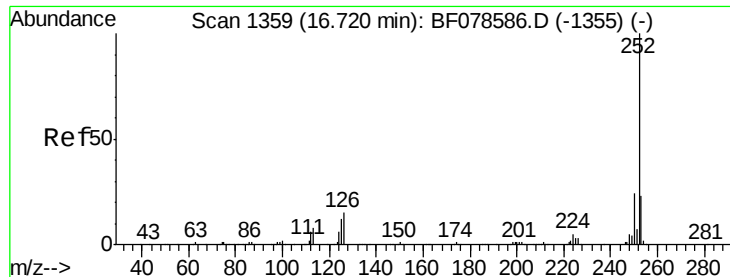
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.9	25.3
277	19.0	15.8	23.6



#86
 Perylene-d12
 Concen: 20.00 ng/mL
 RT: 19.45 min Scan# 1598
 Delta R.T. -0.05 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	20.6	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 40.13 ng

RT: 19.02 min Scan# 1560

Delta R.T. -0.03 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB-77DMSD

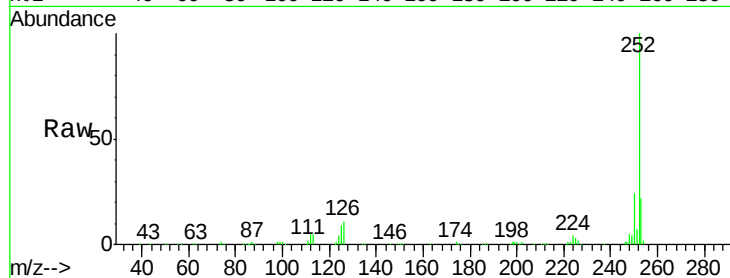
Tot Ion:252 Resp: 279230

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

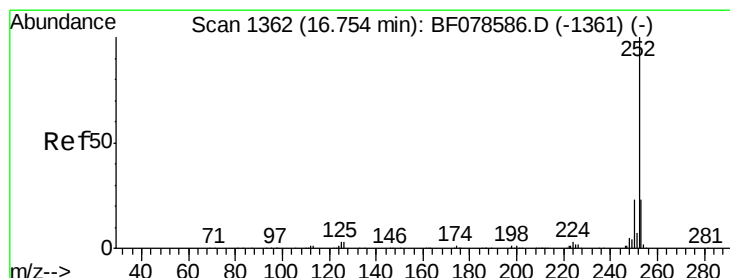
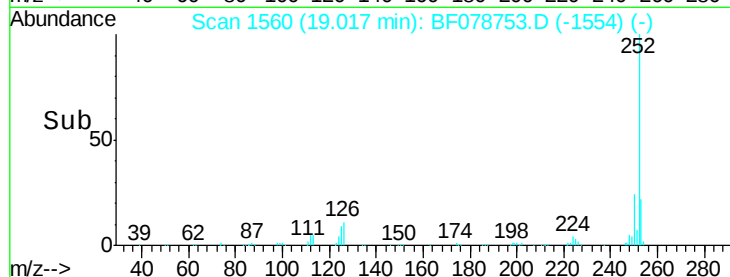
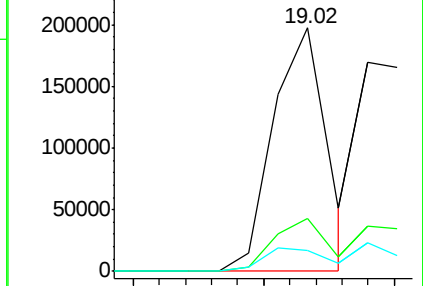
125 8.6 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.32 ng m

RT: 19.04 min Scan# 1562

Delta R.T. -0.05 min

Lab File: BF078753.D

Acq: 23 Apr 2015 17:30

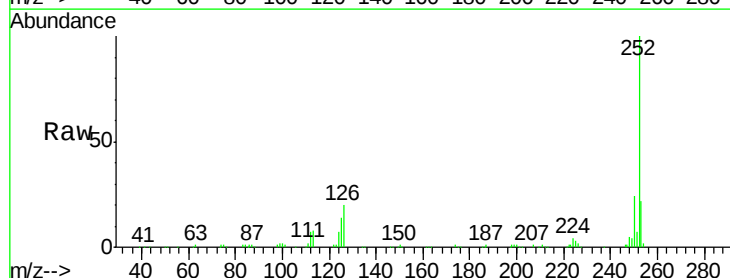
Tgt Ion:252 Resp: 249332

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

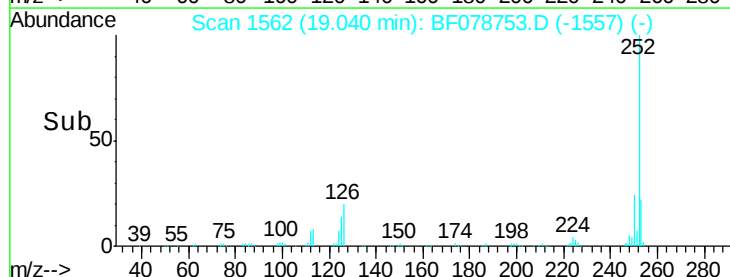
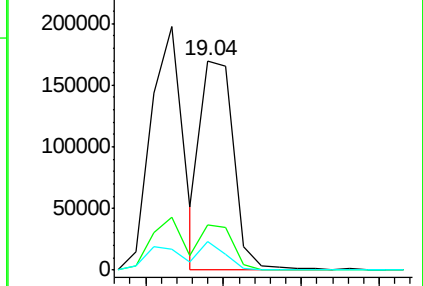
125 13.7 11.6 17.4

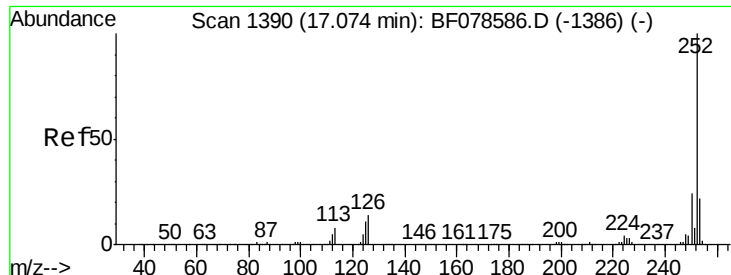


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

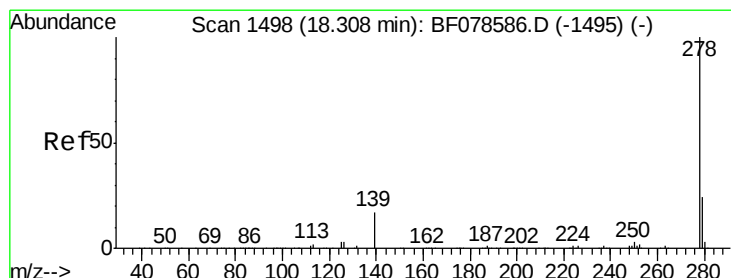
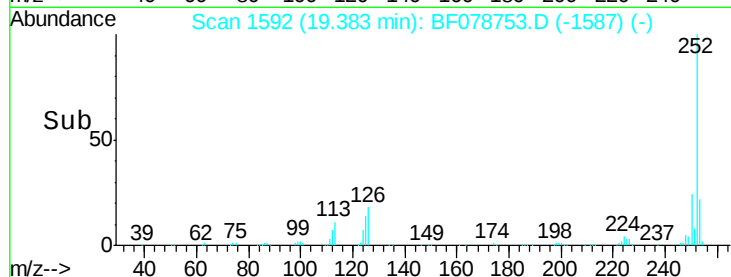
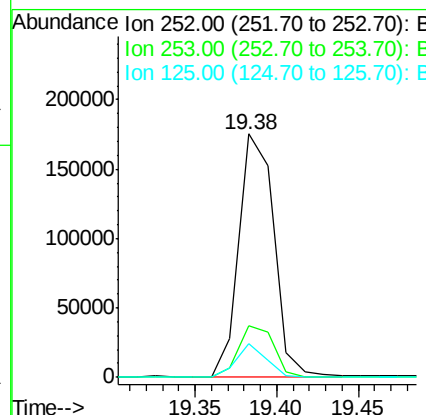
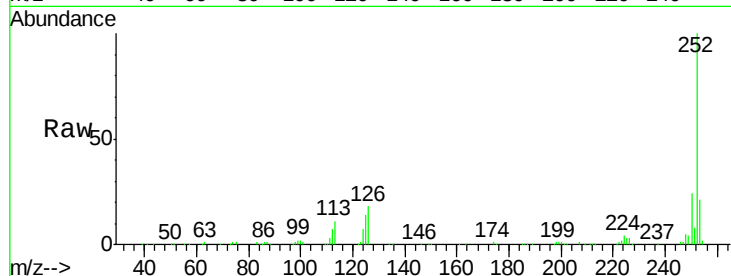




#89
Benzo(a)pyrene
Concen: 42.99 ng
RT: 19.38 min Scan# 1592
Delta R.T. -0.05 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

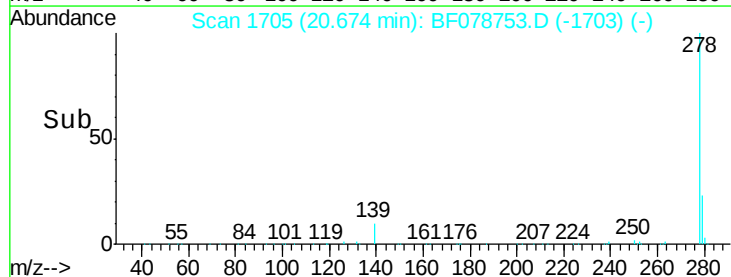
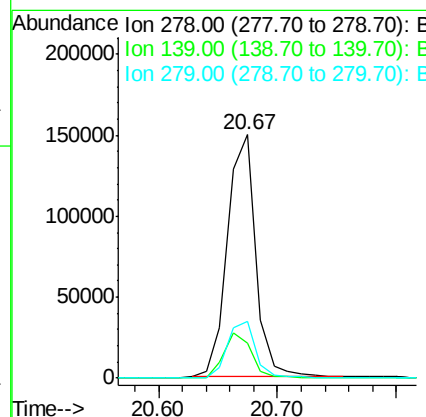
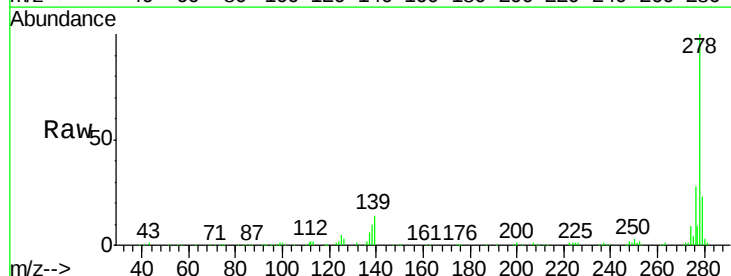
Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

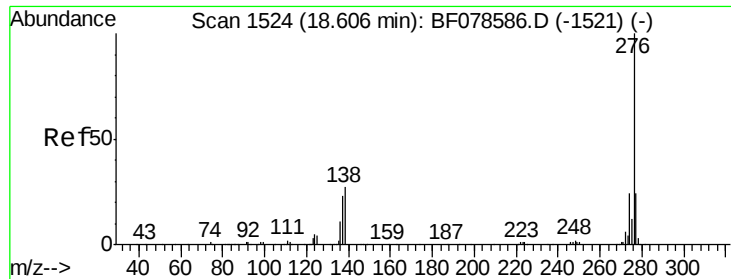
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.8	25.2
125	14.0	7.4	11.0



#90
Dibenzo(a,h)anthracene
Concen: 40.22 ng
RT: 20.67 min Scan# 1705
Delta R.T. -0.08 min
Lab File: BF078753.D
Acq: 23 Apr 2015 17:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	13.6	20.4
279	23.1	19.0	28.6

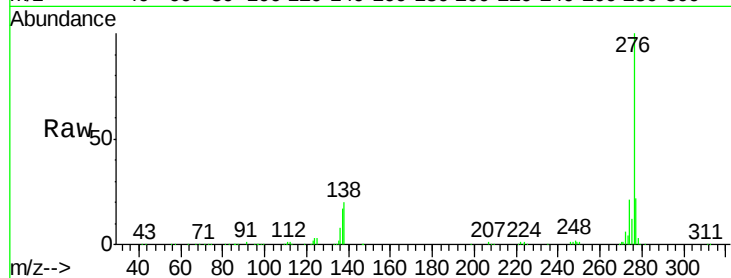




#91
 Benzo(a,h,i)perylene
 Concen: 41.85 ng
 RT: 20.96 min Scan# 1730
 Delta R.T. -0.08 min
 Lab File: BF078753.D
 Acq: 23 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.0	28.4
138	19.6	19.9	29.9



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

