

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
 Data File : BF078752.D
 Acq On : 23 Apr 2015 16:59
 Operator : TP/IZ
 Sample : G1938-14MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

Quant Time: Apr 24 01:26:53 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	24221	20.00	ng	0.01
21) Naphthalene-d8	7.91	136	98925	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	48954	20.00	ng	0.00
63) Phenanthrene-d10	13.83	188	96646	20.00	ng	0.00
75) Chrysene-d12	17.71	240	103127	20.00	ng	0.00
86) Perylene-d12	19.47	264	110164	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	3.77	112	153585	104.55	ng	0.00
7) Phenol-d6	5.26	99	198163	107.64	ng	0.00
23) Nitrobenzene-d5	6.70	82	112746	69.08	ng	0.00
41) 2,4,6-Tribromophenol	12.57	330	49268	121.35	ng	0.00
44) 2-Fluorobiphenyl	9.93	172	238147	69.54	ng	0.00
78) Terphenyl-d14	16.38	244	274342	60.11	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.35	88	17644	26.56	ng	# 82
3) Pyridine	1.83	79	53326	30.65	ng	95
4) n-Nitrosodimethylamine	1.78	42	26571m	39.67	ng	
6) Aniline	5.24	93	46069	17.65	ng	# 88
8) 2-Chlorophenol	5.42	128	58778	33.84	ng	98
9) Benzaldehyde	5.07	77	6263	5.13	ng	99
10) Phenol	5.28	94	74158	33.62	ng	94
11) bis(2-Chloroethyl)ether	5.39	93	54324	34.24	ng	99
12) 1,3-Dichlorobenzene	5.66	146	61231	32.09	ng	# 92
13) 1,4-Dichlorobenzene	5.78	146	63028	32.82	ng	97
14) 1,2-Dichlorobenzene	6.01	146	60200	33.43	ng	98
15) Benzyl Alcohol	6.03	79	48926	37.82	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.27	45	69500	32.84	ng	72
17) 2-Methylphenol	6.26	107	46141	34.21	ng	94
18) Hexachloroethane	6.56	117	21279	32.85	ng	# 81
19) n-Nitroso-di-n-propylamine	6.49	70	41295	34.00	ng	93
20) 3+4-Methylphenols	6.54	107	61675	34.28	ng	98
22) Acetophenone	6.46	105	83290	36.14	ng	# 92
24) Nitrobenzene	6.73	77	58391	34.22	ng	91
25) Isophorone	7.15	82	106184	34.28	ng	94
26) 2-Nitrophenol	7.28	139	28760	35.37	ng	98
27) 2,4-Dimethylphenol	7.44	122	52448	34.69	ng	97
28) bis(2-Chloroethoxy)methane	7.60	93	66787	33.63	ng	98
29) 2,4-Dichlorophenol	7.72	162	49870	36.26	ng	94
30) 1,2,4-Trichlorobenzene	7.84	180	51220	32.48	ng	98
31) Naphthalene	7.95	128	171955	33.40	ng	99
32) Benzoic acid	7.63	122	7484	15.05	ng	87
33) 4-Chloroaniline	8.11	127	46001	21.53	ng	98
34) Hexachlorobutadiene	8.20	225	28721	33.17	ng	99
35) Caprolactam	8.73	113	14938	36.38	ng	94
36) 4-Chloro-3-methylphenol	9.07	107	51273	36.94	ng	90
37) 2-Methylnaphthalene	9.21	142	117396	33.58	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.52	216	50874	33.54	ng	100
40) Hexachlorocyclopentadiene	9.50	237	23664	39.97	ng	96

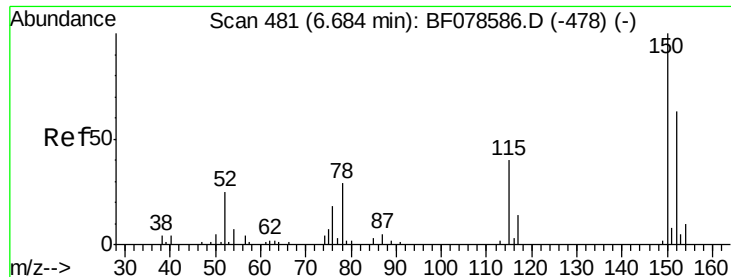
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 00:49:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.77	196	34575	36.14	nq	99
43) 2,4,5-Trichlorophenol	9.85	196	35693	35.71	nq	# 90
45) 1,1'-Biphenyl	10.09	154	139574	34.86	nq	98
46) 2-Chloronaphthalene	10.09	162	108938	34.58	nq	99
47) 2-Nitroaniline	10.33	65	30758	39.46	nq	90
48) Acenaphthylene	10.83	152	176674	34.73	nq	99
49) Dimethylphthalate	10.74	163	153528	41.74	nq	97
50) 2,6-Dinitrotoluene	10.82	165	26942	35.61	nq	# 29
51) Acenaphthene	11.15	154	100267	35.01	nq	99
52) 3-Nitroaniline	11.11	138	27555	32.03	nq	96
53) 2,4-Dinitrophenol	11.34	184	8096	38.84	nq	94
54) Dibenzofuran	11.49	168	159782	36.52	nq	98
55) 4-Nitrophenol	11.54	139	37368	59.71	nq	85
56) 2,4-Dinitrotoluene	11.57	165	38169	38.95	nq	# 86
57) Fluorene	12.11	166	129287	36.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.76	232	25822	34.85	nq	95
59) Diethylphthalate	12.06	149	129182	36.43	nq	97
60) 4-Chlorophenyl-phenylether	12.18	204	58939	36.13	nq	# 90
61) 4-Nitroaniline	12.23	138	27147	31.21	nq	94
62) Azobenzene	12.47	77	122259	37.78	nq	92
64) 4,6-Dinitro-2-methylphenol	12.31	198	11468	28.20	nq	88
65) n-Nitrosodiphenylamine	12.41	169	112596	33.68	nq	97
66) 4-Bromophenyl-phenylether	13.07	248	35788	34.97	nq	93
67) Hexachlorobenzene	13.11	284	36663	32.69	nq	# 87
68) Atrazine	13.49	200	41253	42.60	nq	95
69) Pentachlorophenol	13.53	266	23738	50.86	nq	97
70) Phenanthrene	13.87	178	194318	34.76	nq	99
71) Anthracene	13.97	178	191213	34.71	nq	99
72) Carbazole	14.31	167	187474	36.31	nq	99
73) Di-n-butylphthalate	14.99	149	218795	37.41	nq	99
74) Fluoranthene	15.77	202	211178	35.82	nq	95
76) Benzidine	16.03	184	123852	31.19	nq	98
77) Pyrene	16.08	202	216328	33.42	nq	98
79) Butylbenzylphthalate	17.07	149	97680	39.59	nq	97
80) Benzo(a)anthracene	17.70	228	214136	34.90	nq	99
81) 3,3'-Dichlorobenzidine	17.71	252	67970	33.08	nq	# 99
82) Chrysene	17.75	228	203615	35.32	nq	99
83) Bis(2-ethylhexyl)phthalate	17.85	149	148904	38.48	nq	# 97
84) Di-n-octyl phthalate	18.65	149	258198	40.63	nq	# 100
85) Indeno(1,2,3-cd)pyrene	20.67	276	239223	36.57	nq	# 87
87) Benzo(b)fluoranthene	19.03	252	205414	30.17	nq	98
88) Benzo(k)fluoranthene	19.06	252	219344m	36.25	nq	
89) Benzo(a)pyrene	19.41	252	209198	35.21	nq	# 96
90) Dibenzo(a,h)anthracene	20.70	278	195462	32.86	nq	# 96
91) Benzo(g,h,i)perylene	20.99	276	200836	33.67	nq	# 94

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

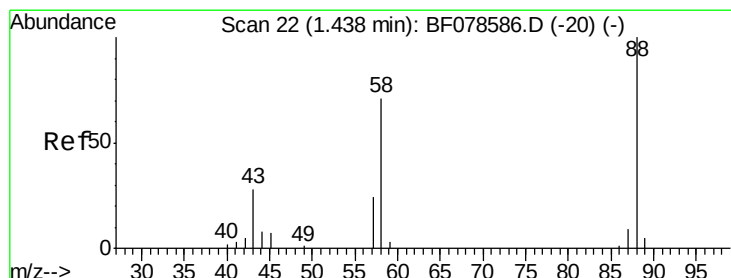
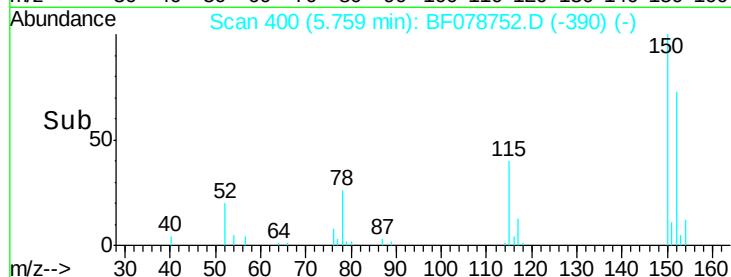
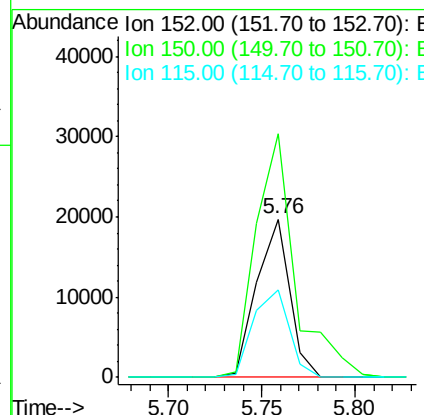
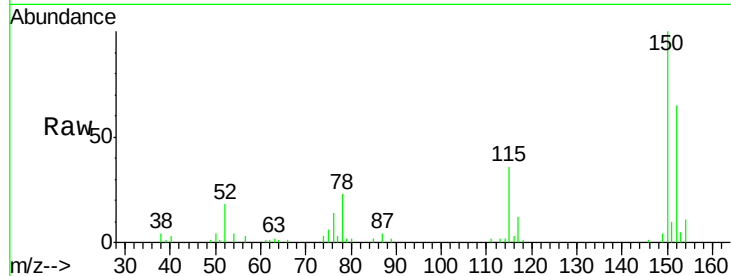


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 400
Delta R.T. 0.01 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Instrument :
BNA_F
ClientSampleId :
SB-77DMS

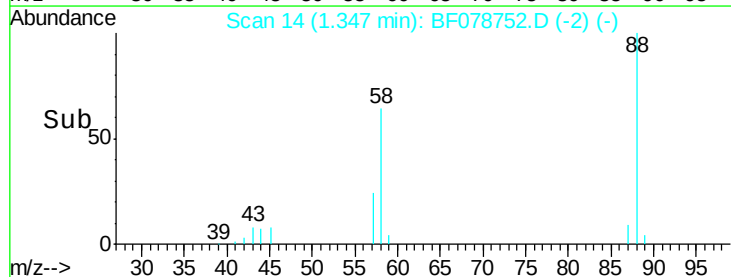
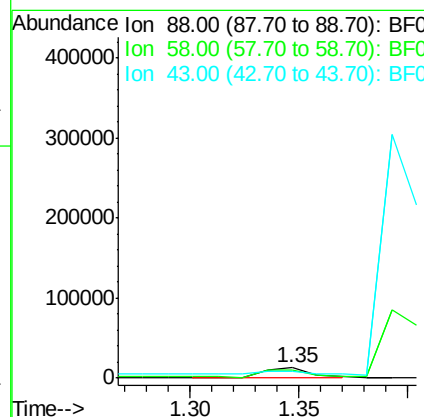
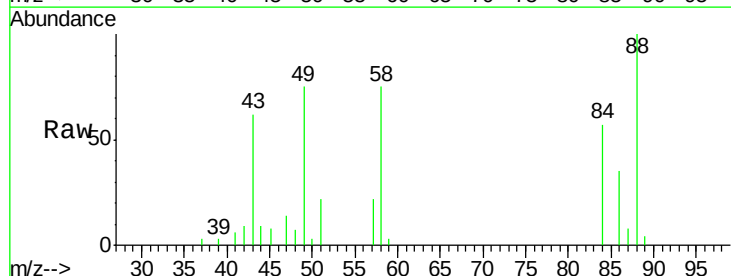
Tot Ion:152 Resp: 24221
Ion Ratio Lower Upper
152 100
150 154.0 125.9 188.9
115 55.1 52.7 79.1

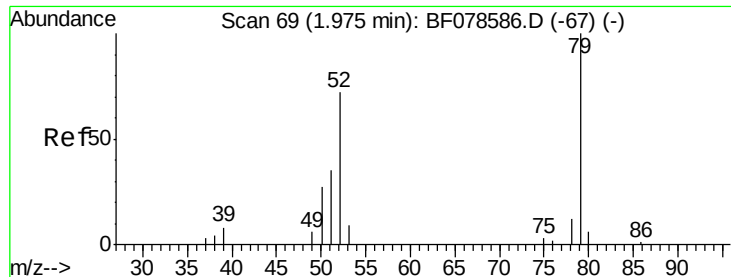


#2

1,4-Dioxane
Concen: 26.56 ng
RT: 1.35 min Scan# 14
Delta R.T. 0.03 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion: 88 Resp: 17644
Ion Ratio Lower Upper
88 100
58 75.7 56.9 85.3
43 0.0 21.4 32.2#





#3

Pvridine

Concen: 30.65 ng

RT: 1.83 min Scan# 56

Delta R.T. 0.02 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

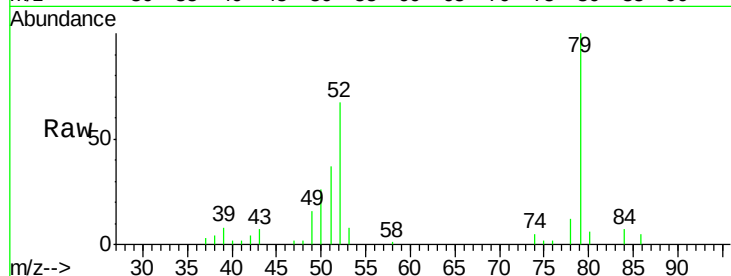
Tot Ion: 79 Resp: 53326

Ion Ratio Lower Upper

79 100

52 67.2 52.4 78.6

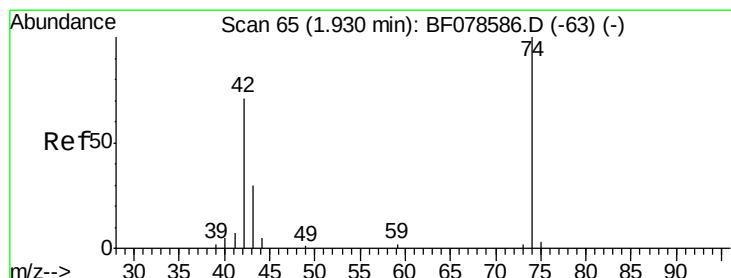
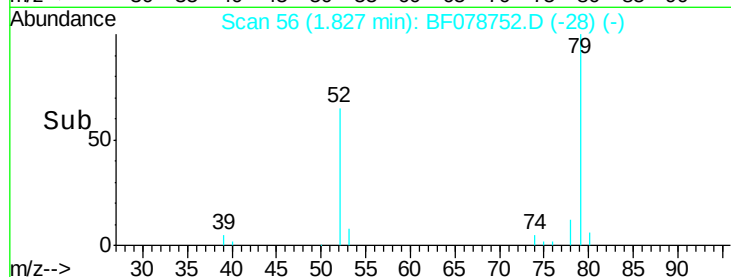
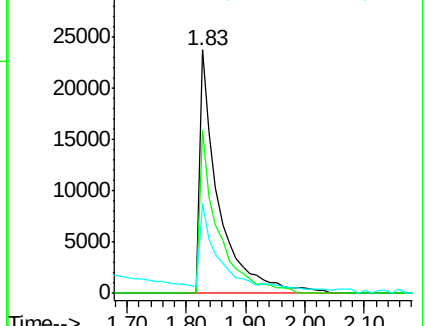
51 37.0 24.9 37.3



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: 39.67 ng m

RT: 1.78 min Scan# 52

Delta R.T. 0.02 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

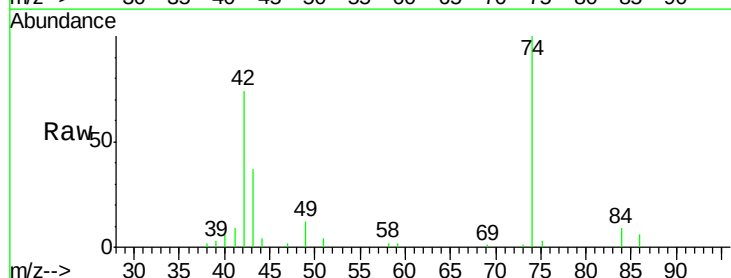
Tgt Ion: 42 Resp: 26571

Ion Ratio Lower Upper

42 100

74 135.6 118.7 178.1

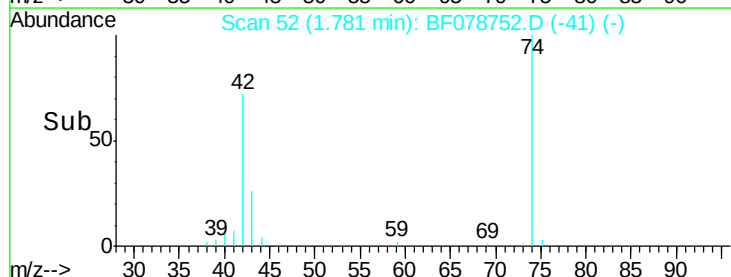
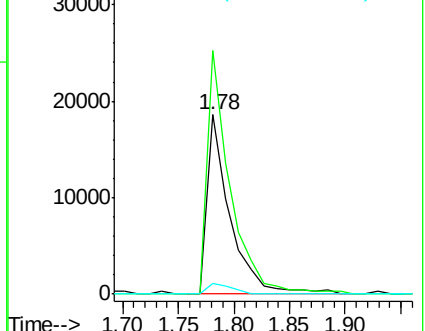
44 6.1 5.9 8.9

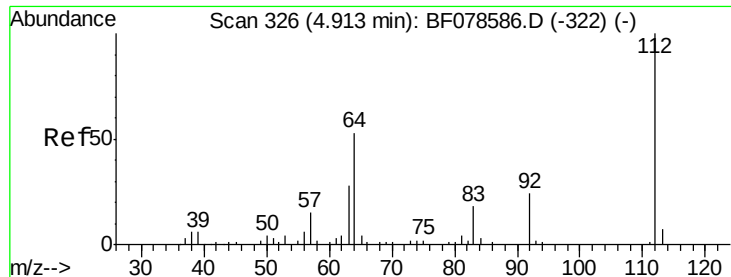


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 104.55 ng

RT: 3.77 min Scan# 226

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

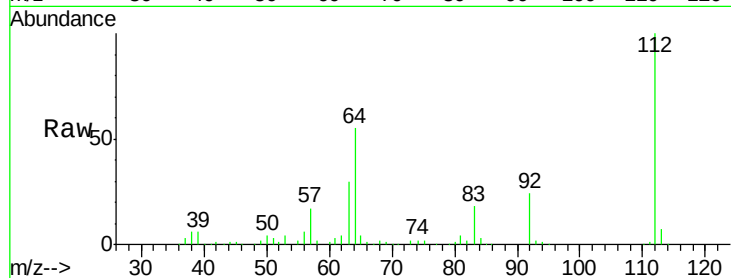
Tot Ion:112 Resp: 153585

Ion Ratio Lower Upper

112 100

64 55.4 39.9 59.9

63 29.5 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

150000

100000

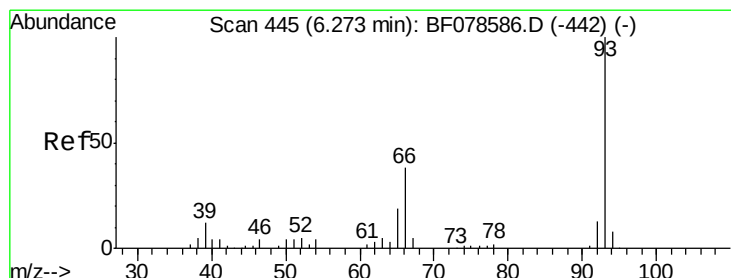
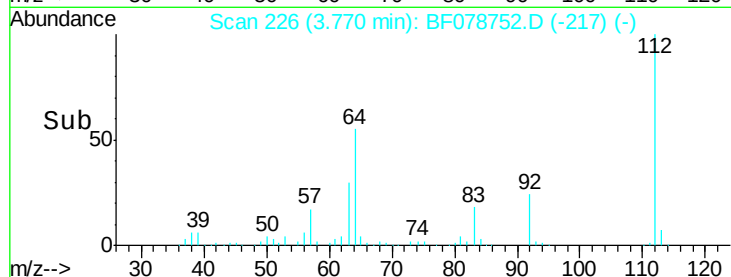
50000

0

3.77

3.70 3.75 3.80 3.85

Time-->



#6

Aniline

Concen: 17.65 ng

RT: 5.24 min Scan# 355

Delta R.T. 0.01 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

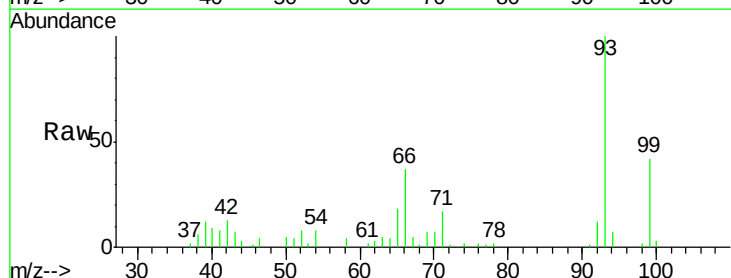
Tgt Ion: 93 Resp: 46069

Ion Ratio Lower Upper

93 100

66 37.1 38.0 57.0#

65 17.8 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

40000

30000

20000

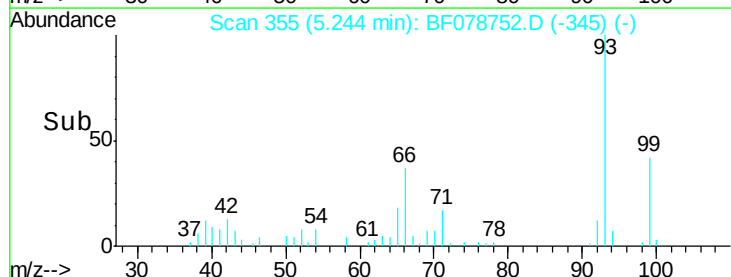
10000

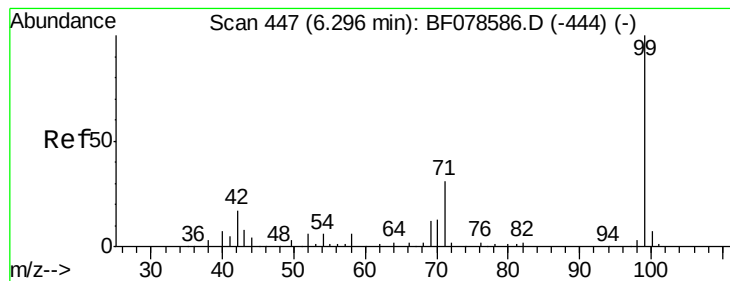
0

5.24

5.20 5.25 5.30

Time-->





#7

Phenol-d6

Concen: 107.64 ng

RT: 5.26 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

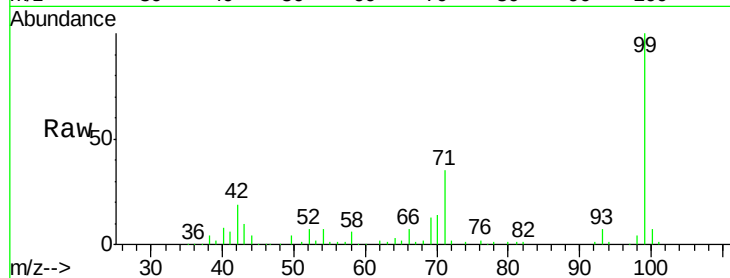
Tot Ion: 99 Resp: 198163

Ion Ratio Lower Upper

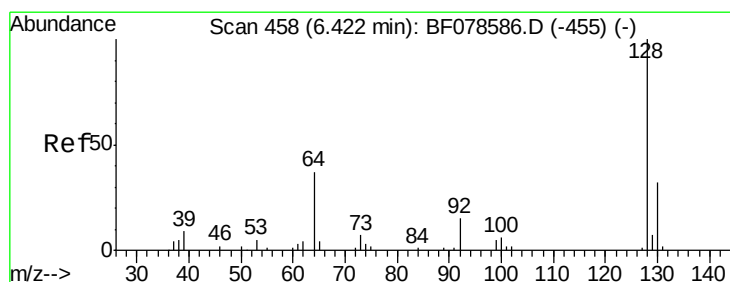
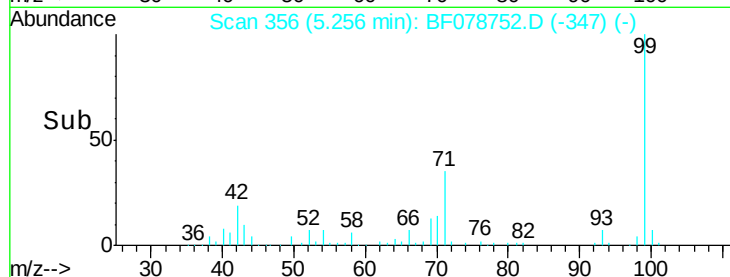
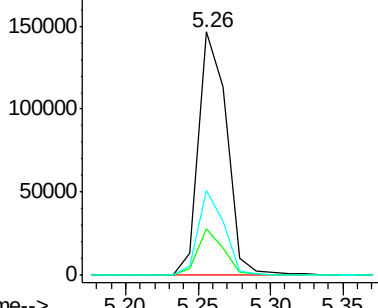
99 100

42 18.9 14.8 22.2

71 35.0 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: 33.84 ng

RT: 5.42 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

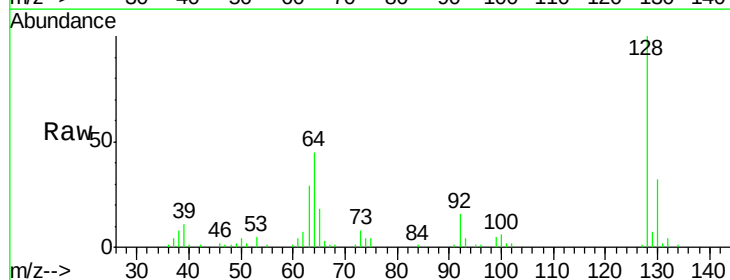
Tgt Ion:128 Resp: 58778

Ion Ratio Lower Upper

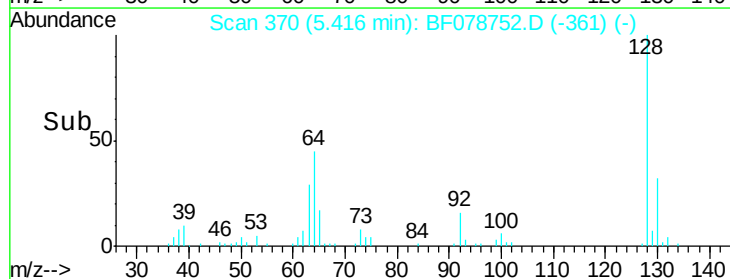
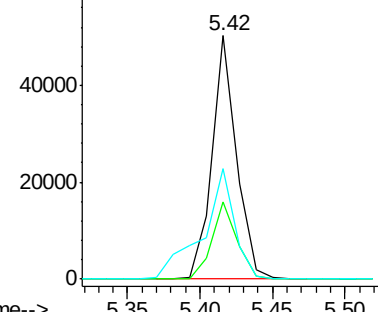
128 100

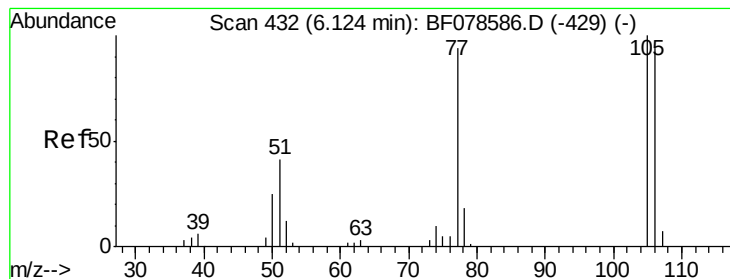
130 31.9 12.3 52.3

64 45.4 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: 5.13 ng

RT: 5.07 min Scan# 340

Delta R.T. 0.01 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

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SB-77DMS

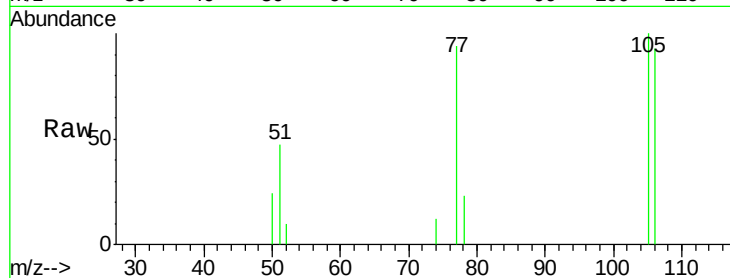
Tot Ion: 77 Resp: 6263

Ion Ratio Lower Upper

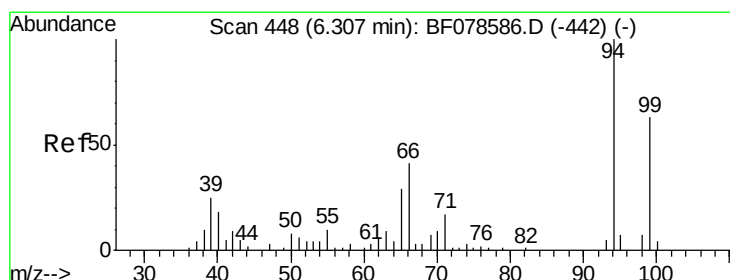
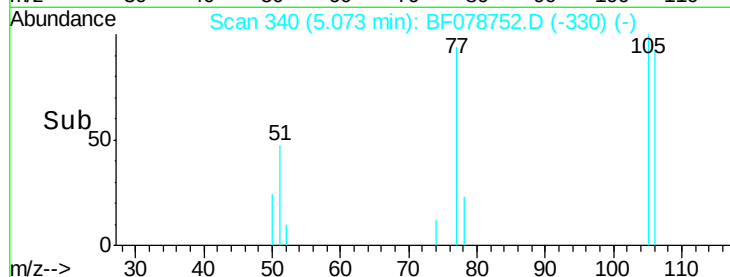
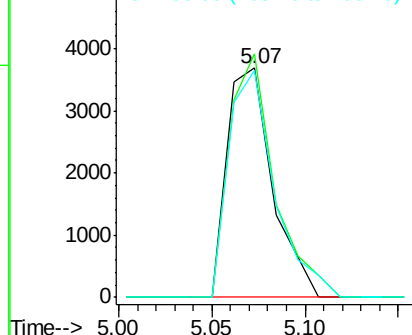
77 100

105 106.1 85.4 125.4

106 98.8 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: 33.62 ng

RT: 5.28 min Scan# 358

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

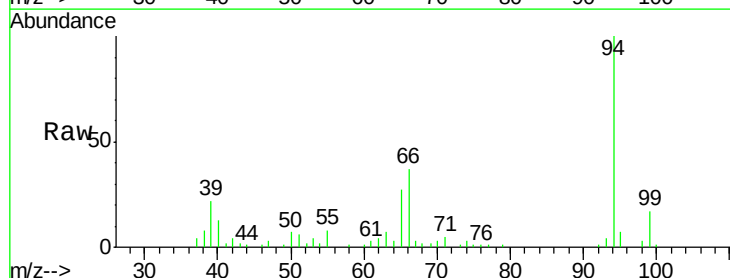
Tgt Ion: 94 Resp: 74158

Ion Ratio Lower Upper

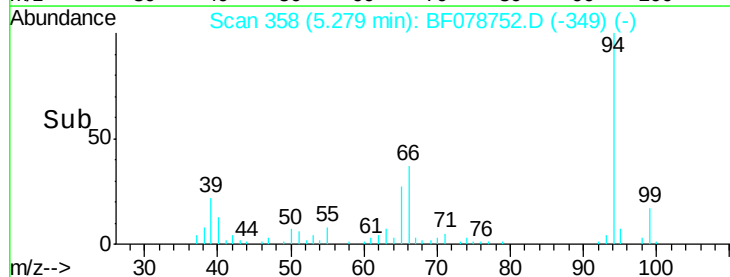
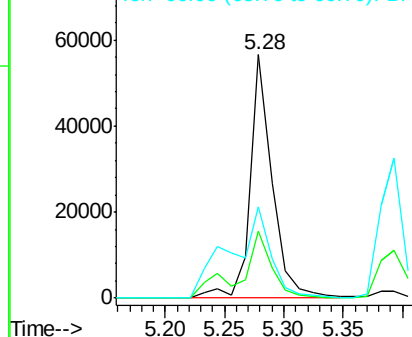
94 100

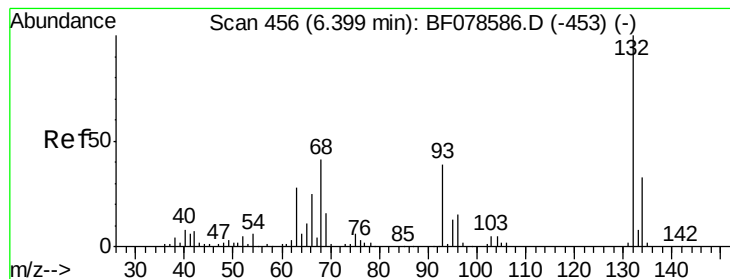
65 27.3 4.9 44.9

66 37.4 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

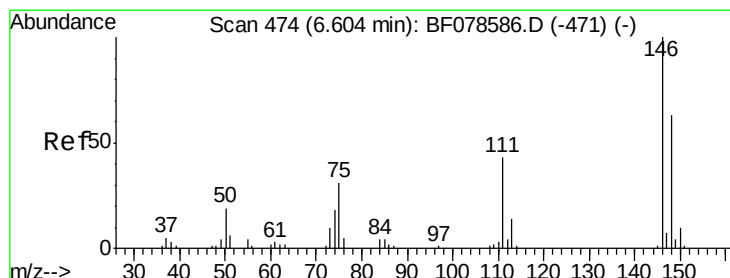
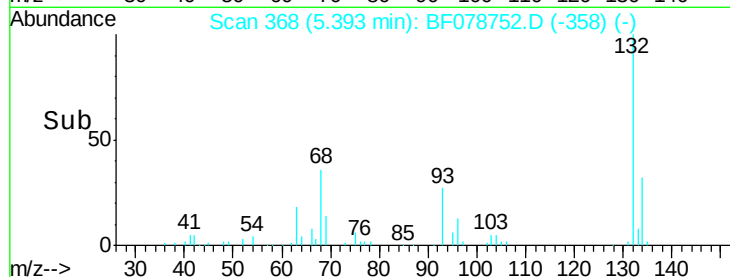
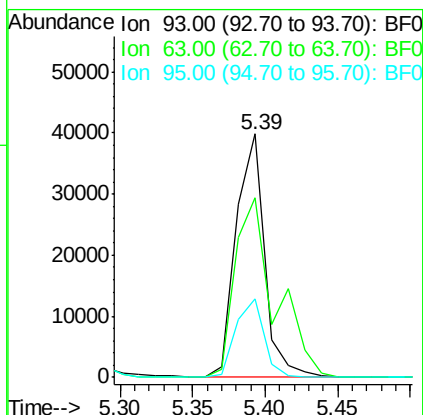
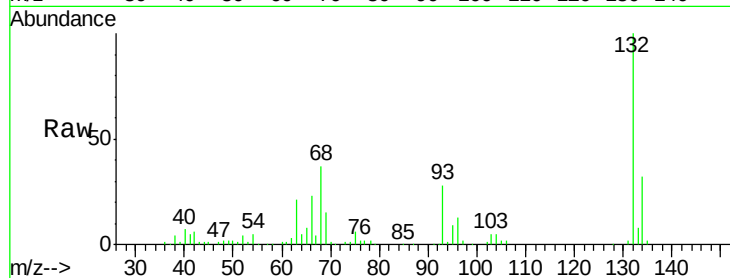




#11
bis(2-Chloroethyl)ether
Concen: 34.24 ng
RT: 5.39 min Scan# 368
Delta R.T. 0.01 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

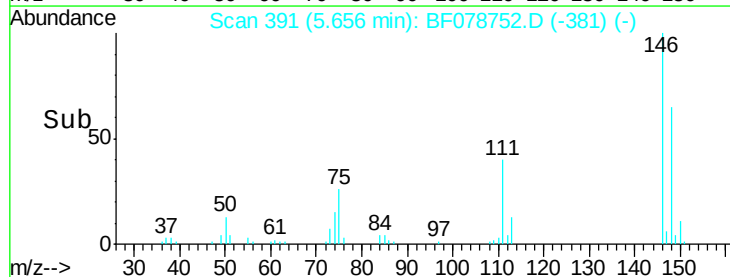
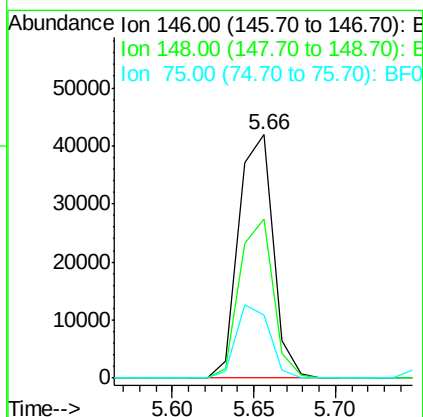
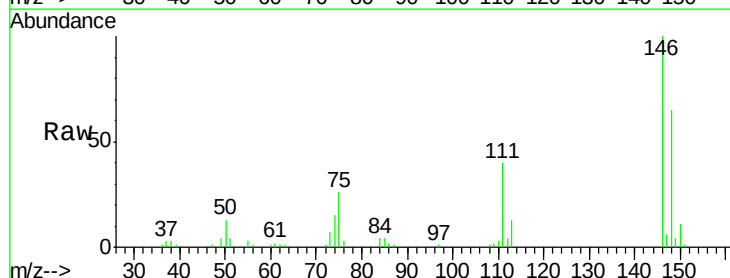
Instrument :
BNA_F
ClientSampleId :
SB-77DMS

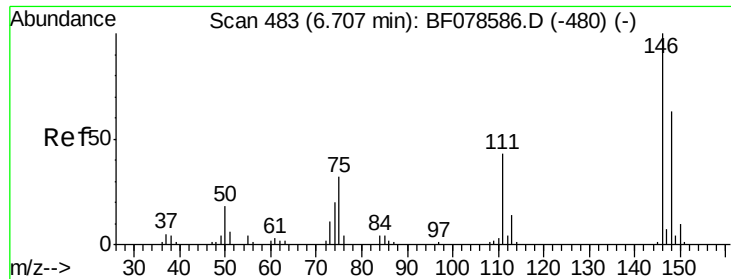
Tot Ion: 93 Resp: 54324
Ion Ratio Lower Upper
93 100
63 73.6 54.6 94.6
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 32.09 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion: 146 Resp: 61231
Ion Ratio Lower Upper
146 100
148 65.1 49.1 73.7
75 25.7 26.6 40.0#

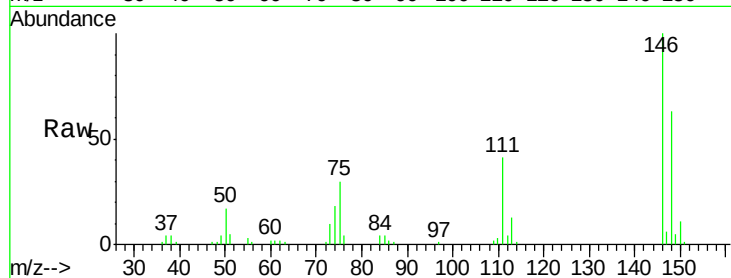




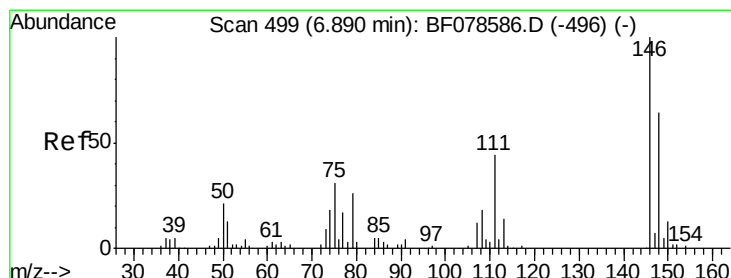
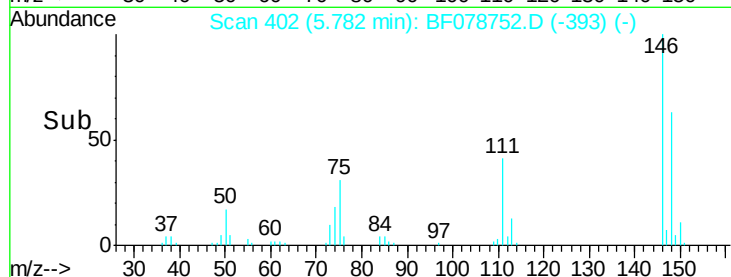
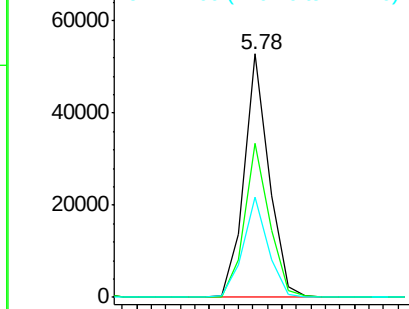
#13
 1,4-Dichlorobenzene
 Concen: 32.82 ng
 RT: 5.78 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

Tot Ion:146 Resp: 63028
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.4 77.0
 111 41.0 35.0 52.4

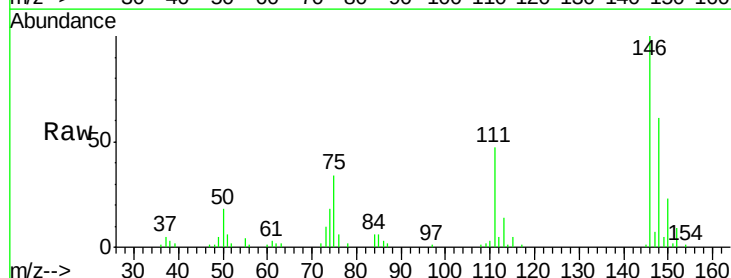


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

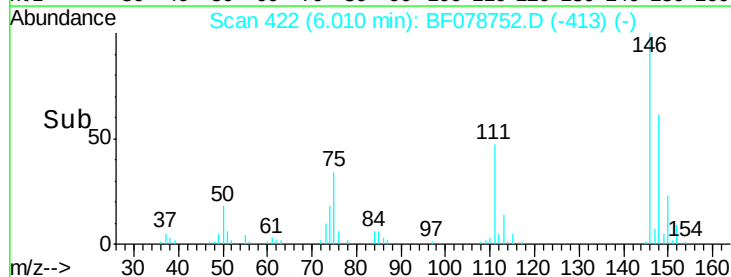
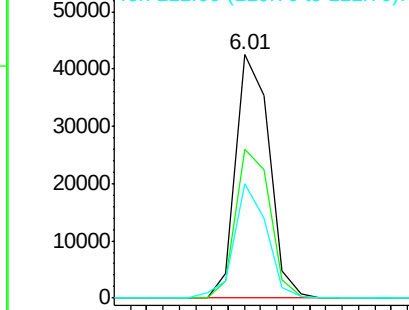


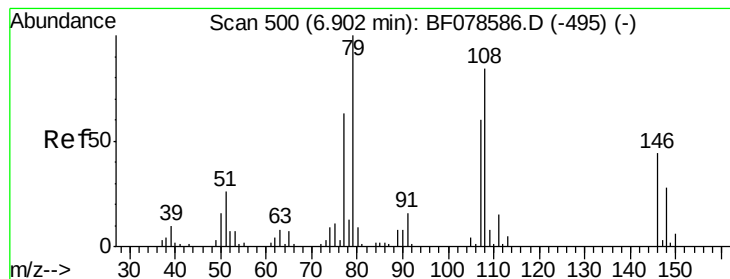
#14
 1,2-Dichlorobenzene
 Concen: 33.43 ng
 RT: 6.01 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:146 Resp: 60200
 Ion Ratio Lower Upper
 146 100
 148 61.3 50.2 75.4
 111 47.1 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: 37.82 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleID :

SB-77DMS

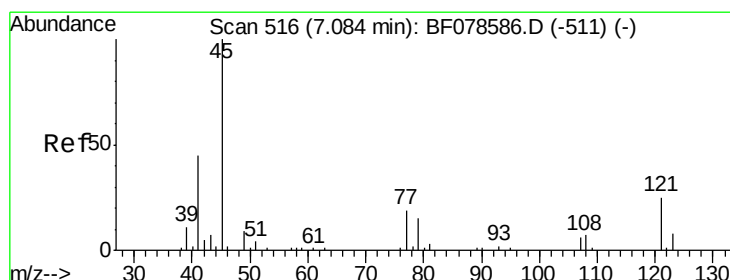
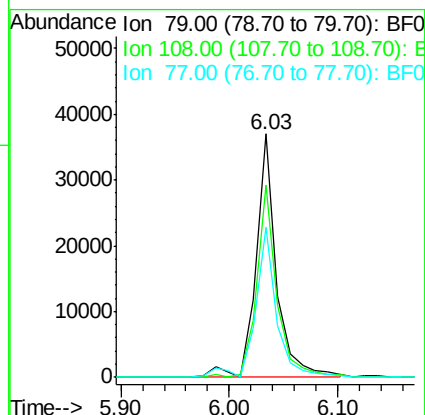
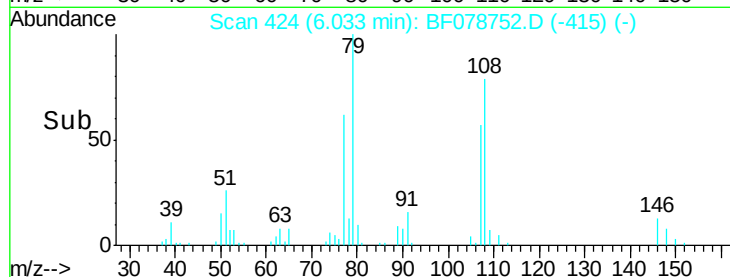
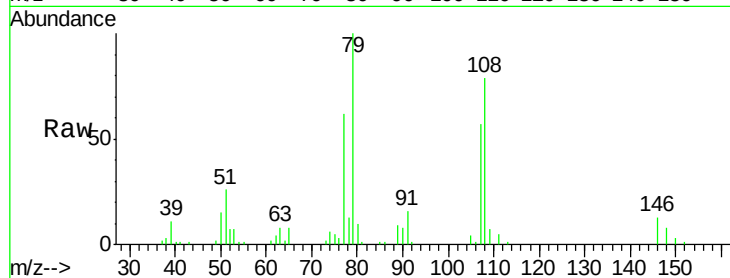
Tot Ion: 79 Resp: 48926

Ion Ratio Lower Upper

79 100

108 78.9 57.6 86.4

77 61.8 53.5 80.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.84 ng

RT: 6.27 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

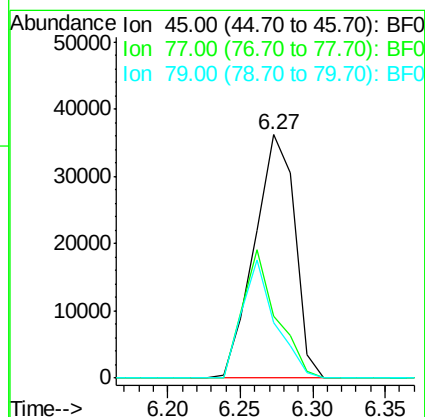
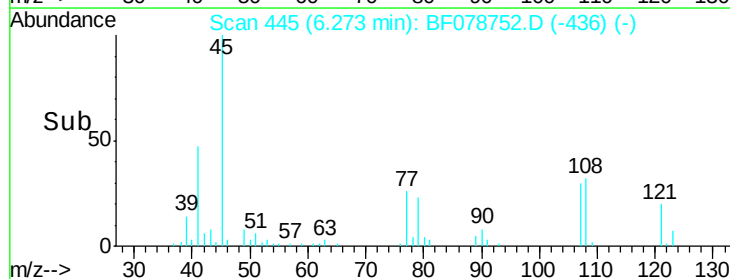
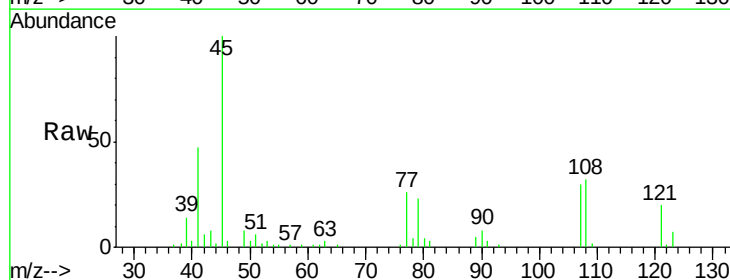
Tgt Ion: 45 Resp: 69500

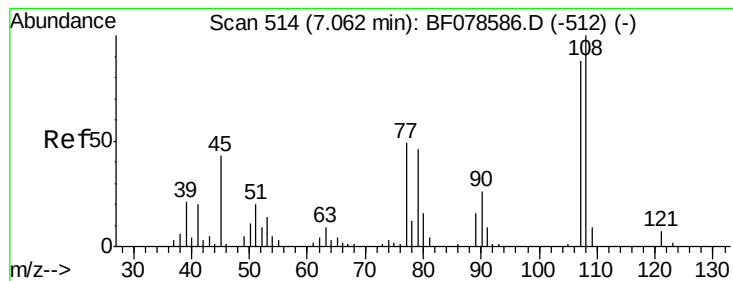
Ion Ratio Lower Upper

45 100

77 25.5 0.0 34.5

79 23.0 0.0 31.9

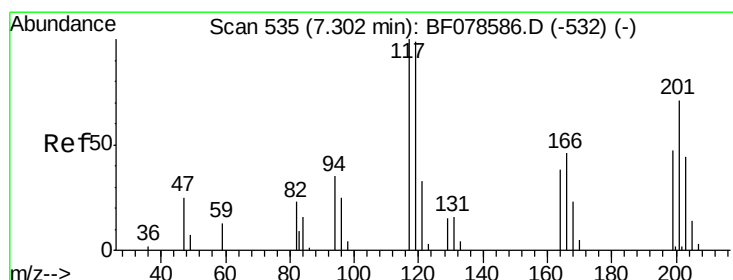
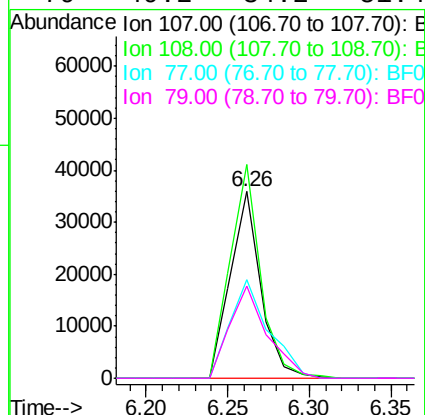
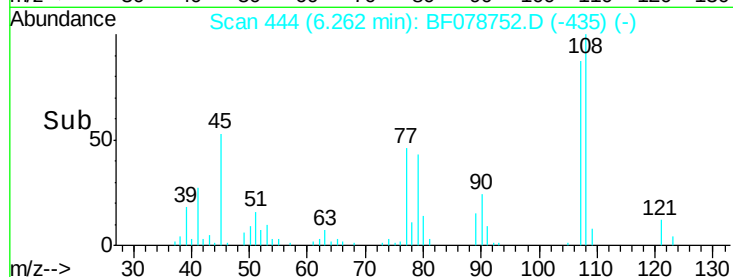
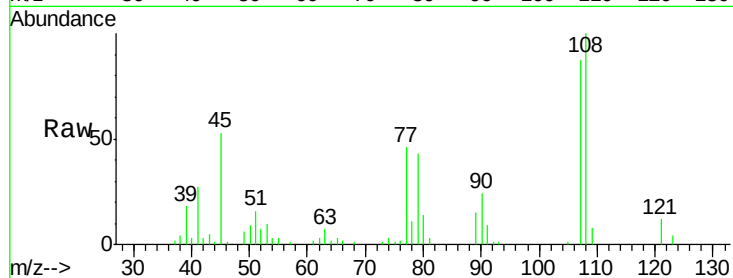




#17
2-Methylphenol
Concen: 34.21 ng
RT: 6.26 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

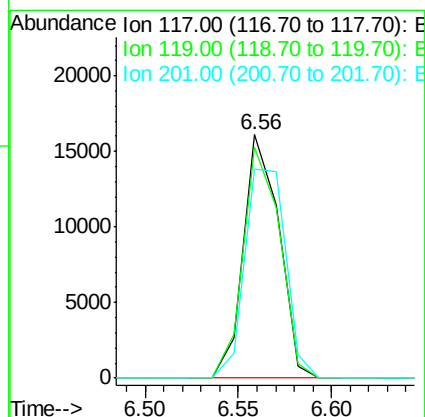
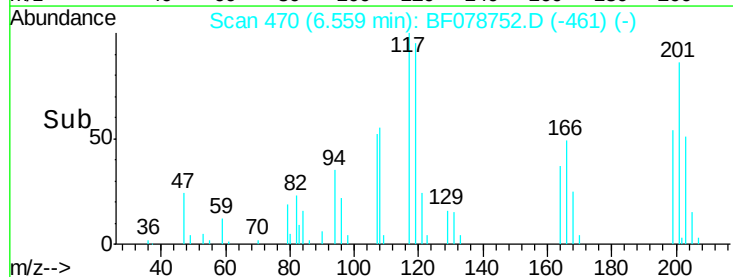
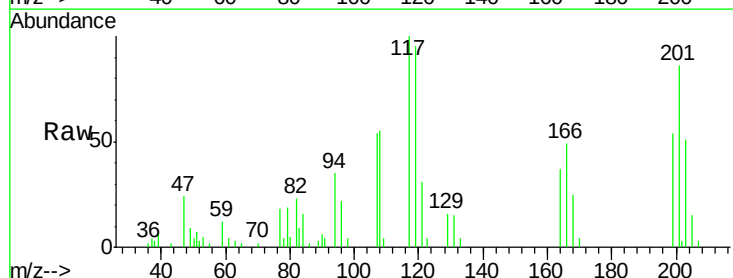
Instrument :
BNA_F
ClientSampleId :
SB-77DMS

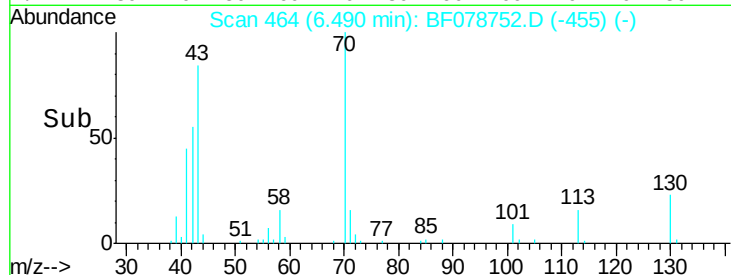
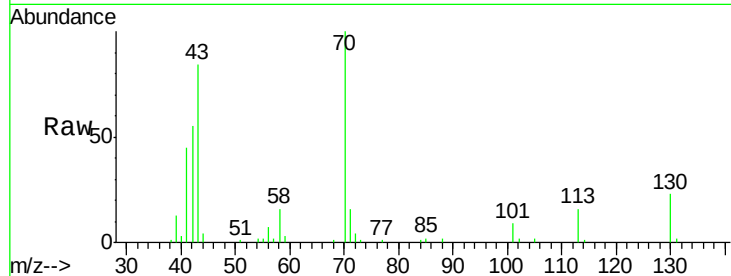
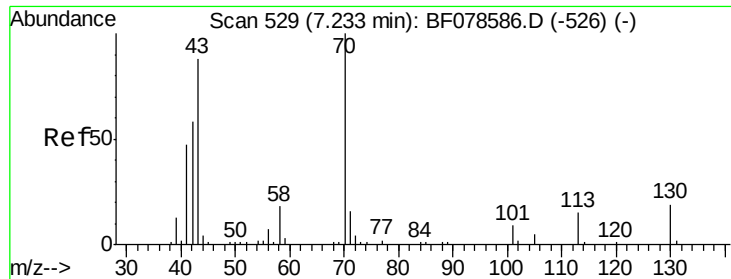
Tot Ion:107 Resp: 46141
Ion Ratio Lower Upper
107 100
108 114.6 90.3 135.5
77 53.1 35.5 53.3
79 49.2 34.2 51.4



#18
Hexachloroethane
Concen: 32.85 ng
RT: 6.56 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion:117 Resp: 21279
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6
201 86.1 98.1 147.1#

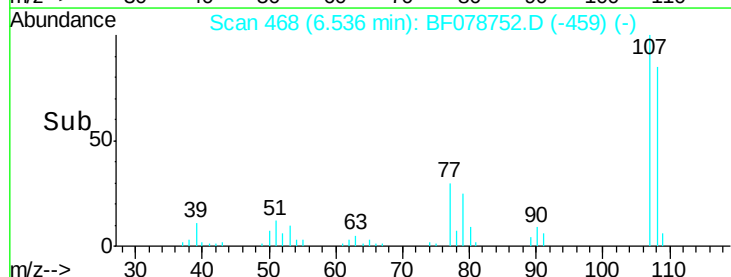
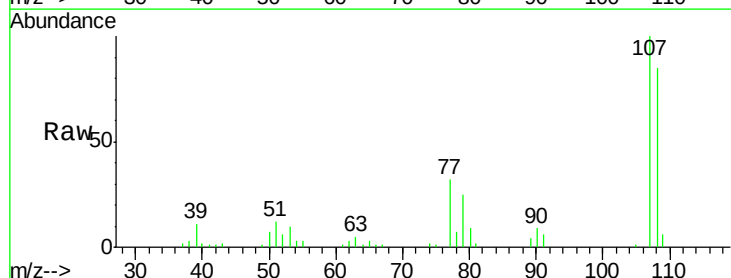
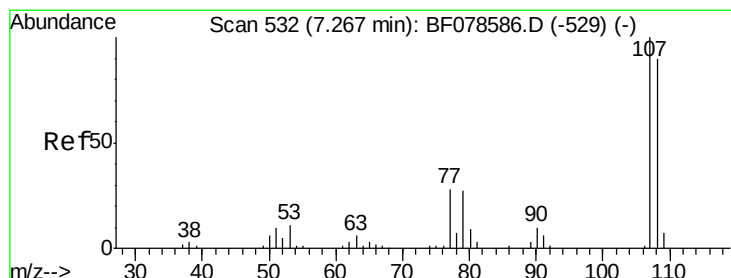
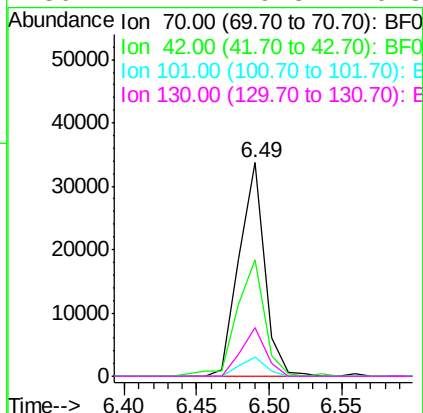




#19
n-Nitroso-di-n-propylamine
Concen: 34.00 ng
RT: 6.49 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

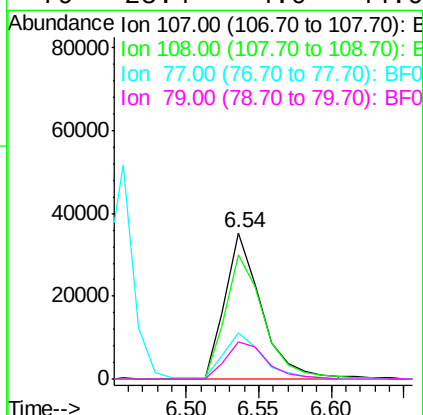
Instrument :
BNA_F
ClientSampleId :
SB-77DMS

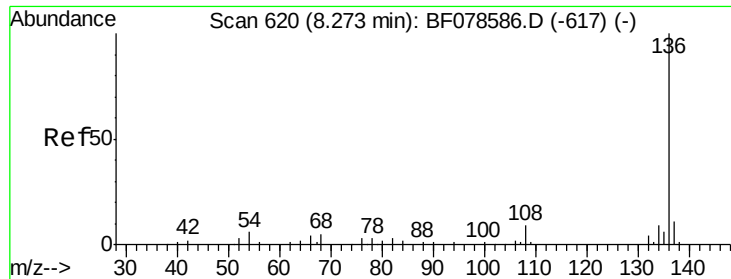
Tot Ion:	70	Resp:	41295
Ion	Ratio	Lower	Upper
70	100		
42	54.7	38.9	58.3
101	9.0	8.3	12.5
130	22.7	19.8	29.8



#20
3+4-Methylphenols
Concen: 34.28 ng
RT: 6.54 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion:	107	Resp:	61675
Ion	Ratio	Lower	Upper
107	100		
108	84.8	64.4	104.4
77	32.0	9.7	49.7
79	25.4	4.0	44.0

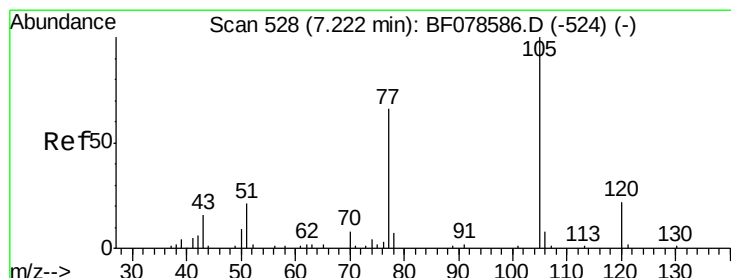
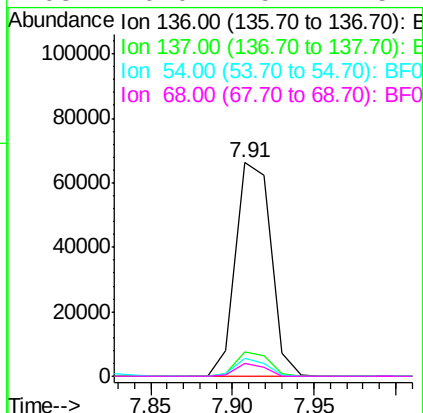
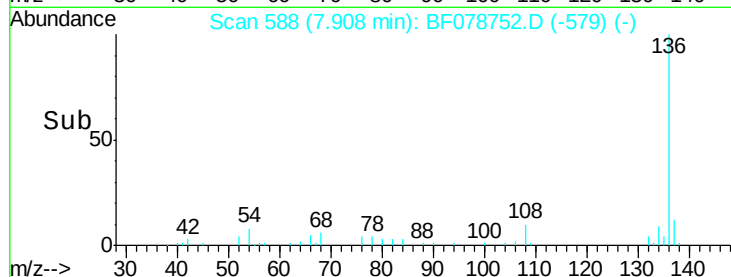
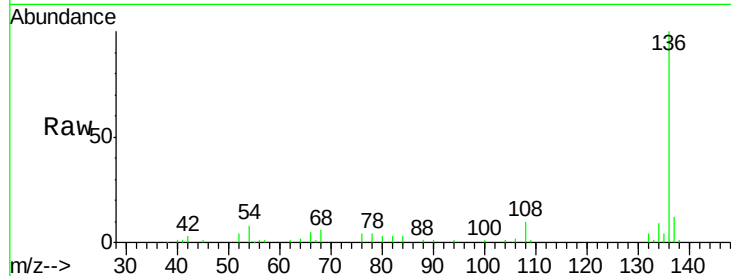




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

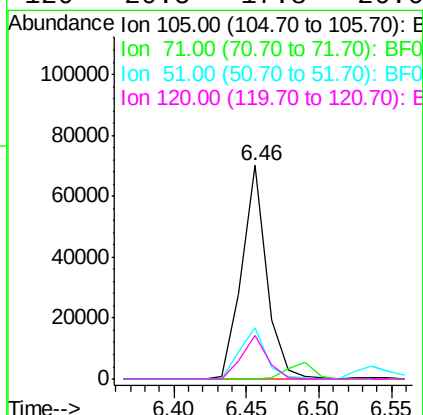
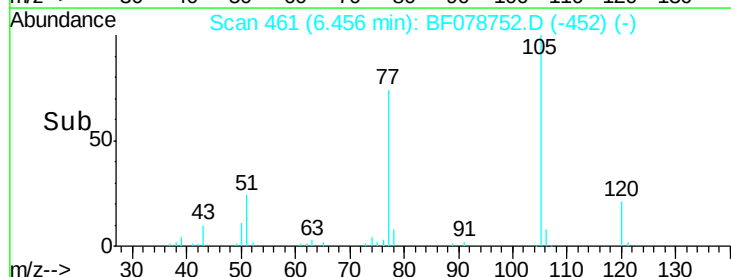
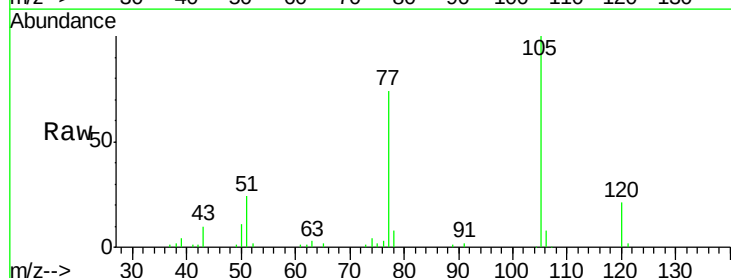
Instrument :
BNA_F
ClientSampleId :
SB-77DMS

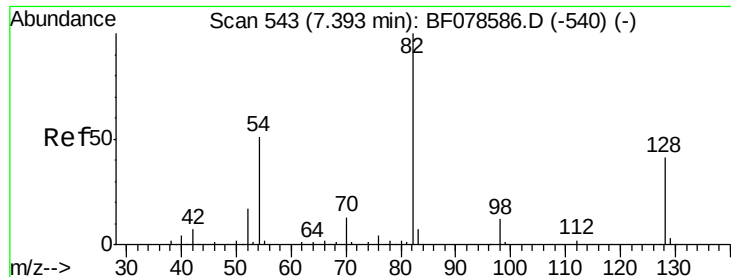
Tot Ion:136	Resp:	98925
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.4
54	8.4	7.0 10.6
68	6.0	5.4 8.2



#22
Acetophenone
Concen: 36.14 ng
RT: 6.46 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion:105	Resp:	83290
Ion Ratio	Lower	Upper
105	100	
71	0.0	5.5 8.3#
51	23.9	16.0 24.0
120	20.5	17.8 26.6

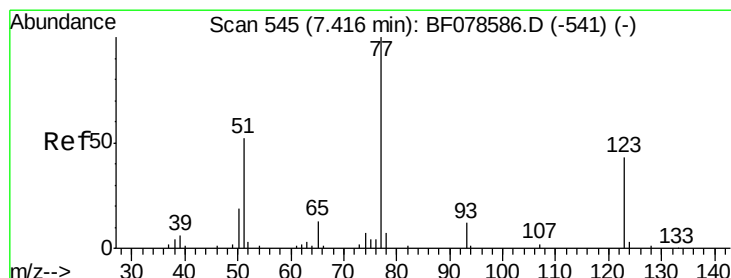
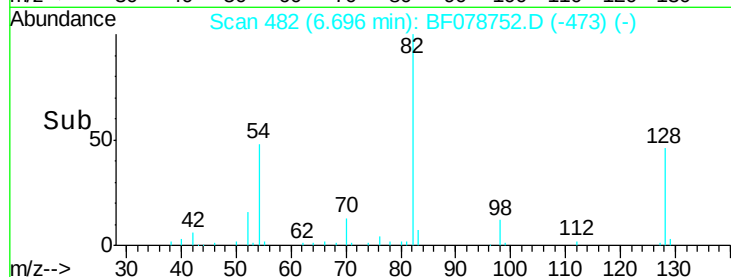
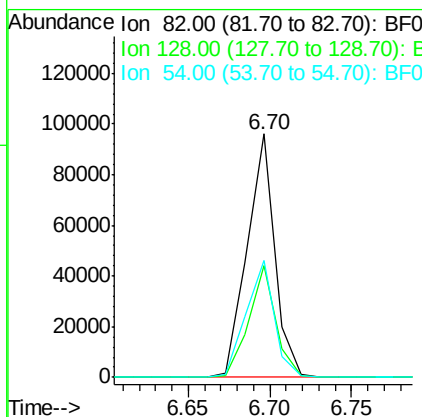
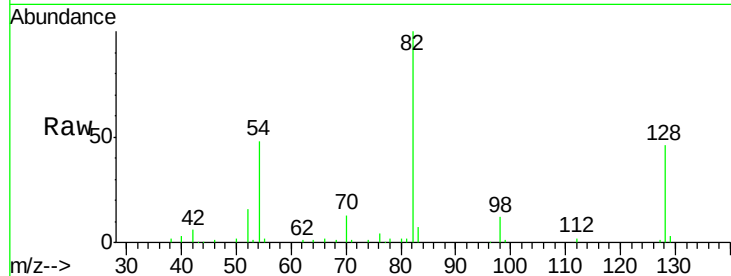




#23
 Nitrobenzene-d5
 Concen: 69.08 ng
 RT: 6.70 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

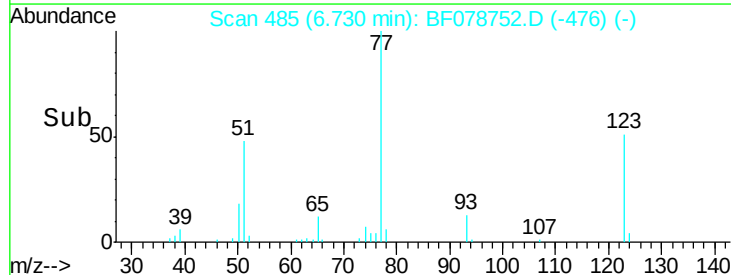
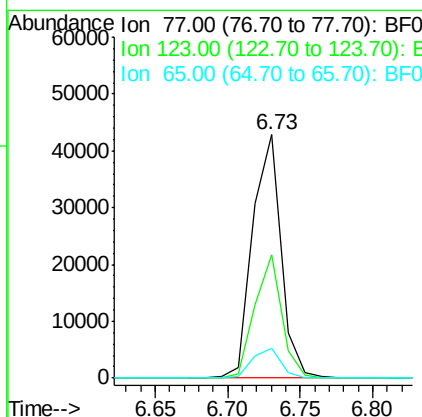
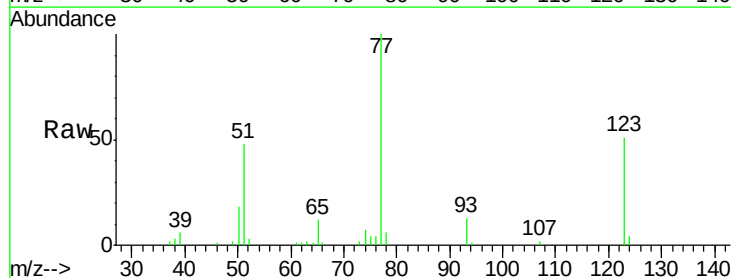
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

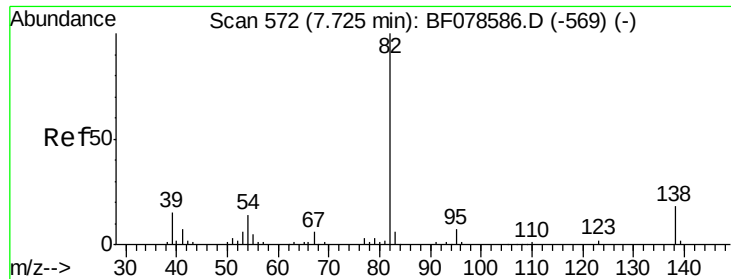
Tot Ion: 82 Resp: 112746
 Ion Ratio Lower Upper
 82 100
 128 45.7 31.8 47.8
 54 47.9 41.5 62.3



#24
 Nitrobenzene
 Concen: 34.22 ng
 RT: 6.73 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion: 77 Resp: 58391
 Ion Ratio Lower Upper
 77 100
 123 50.5 46.9 70.3
 65 12.4 9.5 14.3





#25

Isophorone

Concen: 34.28 ng

RT: 7.15 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

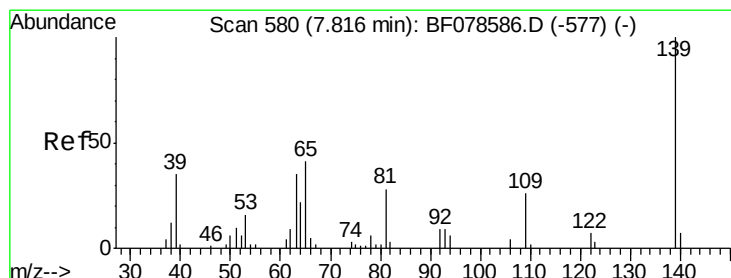
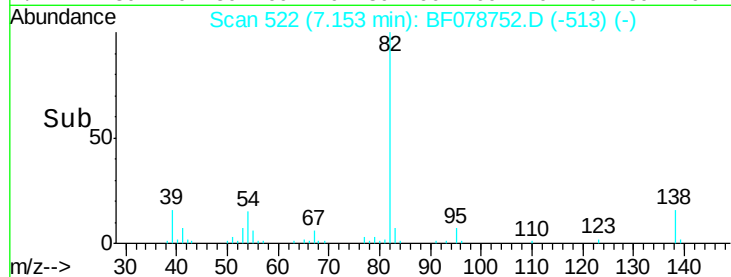
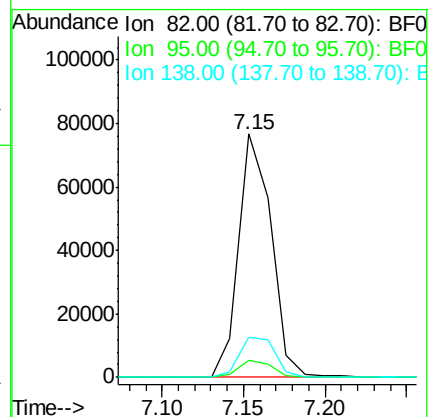
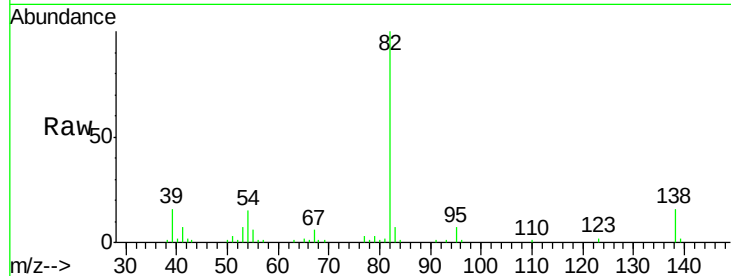
Tot Ion: 82 Resp: 106184

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 16.3 15.8 23.8



#26

2-Nitrophenol

Concen: 35.37 ng

RT: 7.28 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

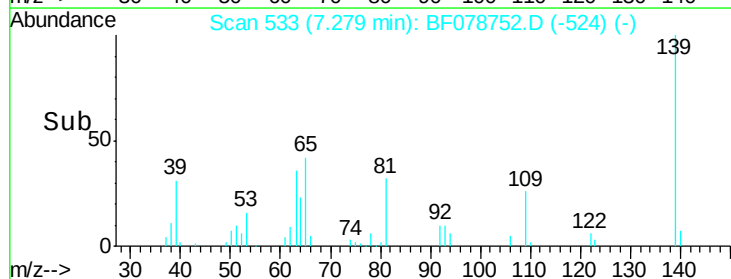
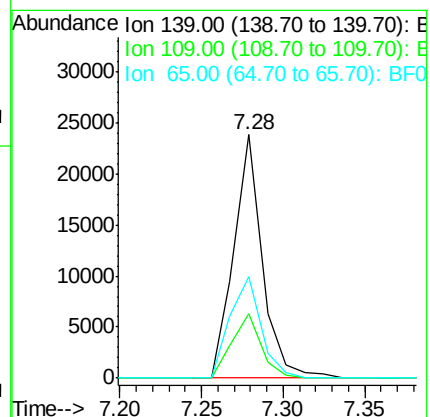
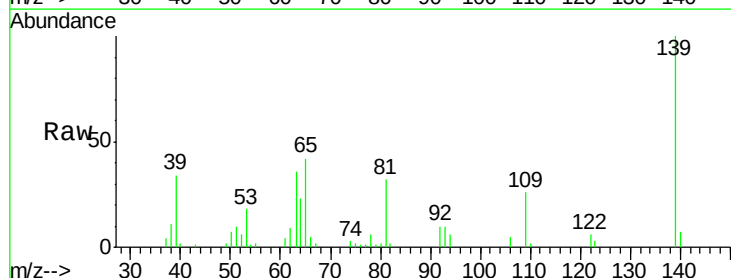
Tgt Ion: 139 Resp: 28760

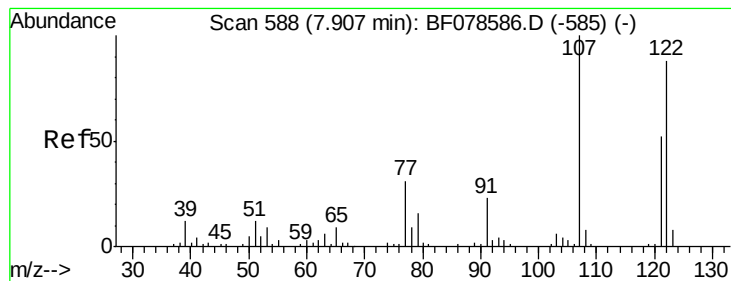
Ion Ratio Lower Upper

139 100

109 26.4 19.8 29.8

65 41.7 32.7 49.1





#27

2,4-Dimethylphenol

Concen: 34.69 ng

RT: 7.44 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

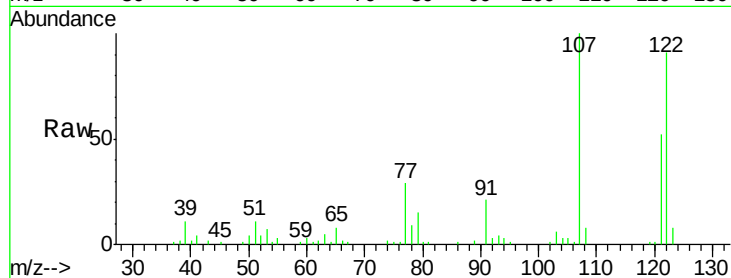
Tot Ion:122 Resp: 52448

Ion Ratio Lower Upper

122 100

107 110.3 84.6 127.0

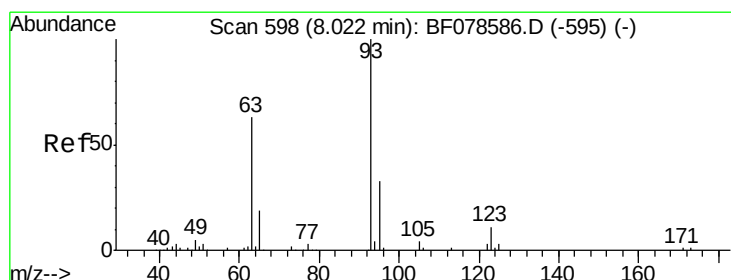
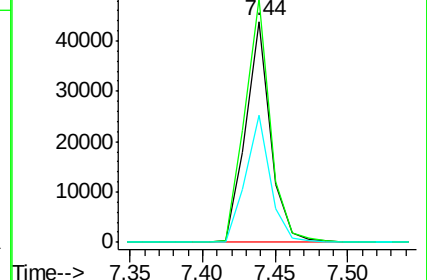
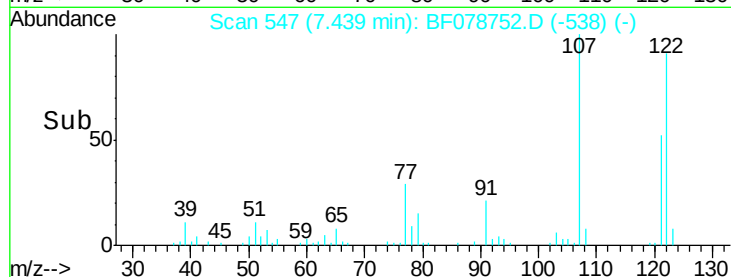
121 57.8 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.63 ng

RT: 7.60 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

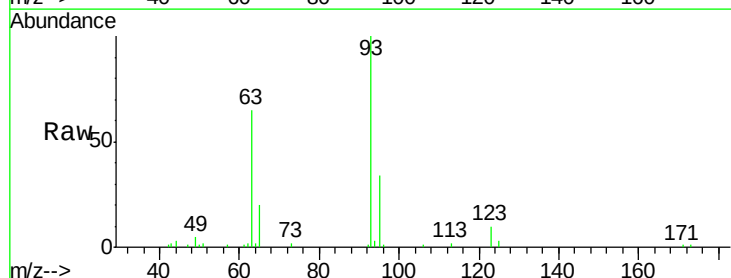
Tgt Ion: 93 Resp: 66787

Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

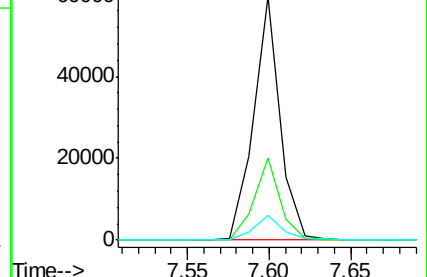
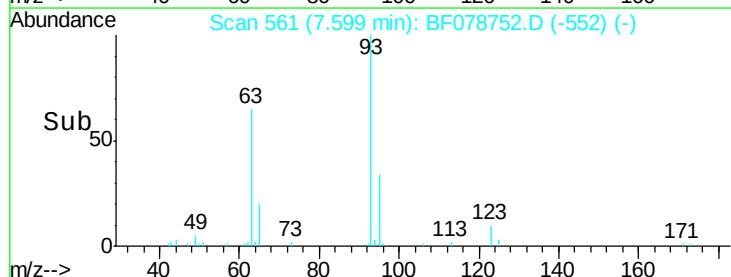
123 10.3 9.1 13.7

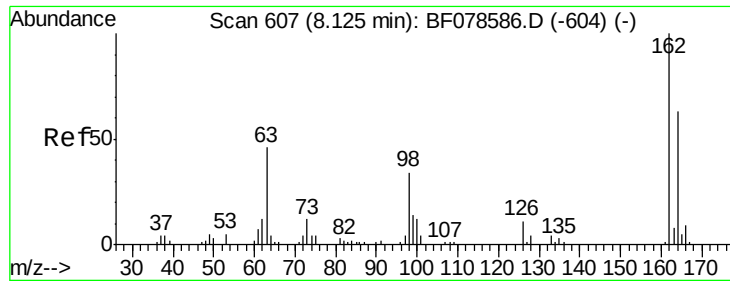


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

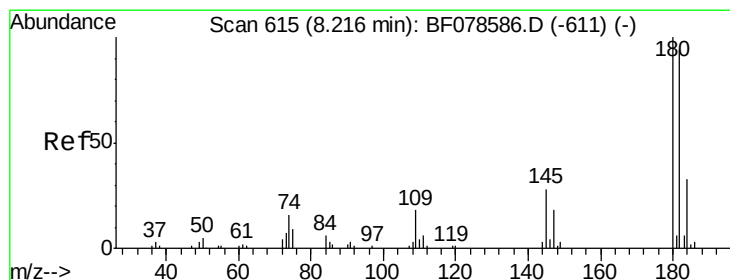
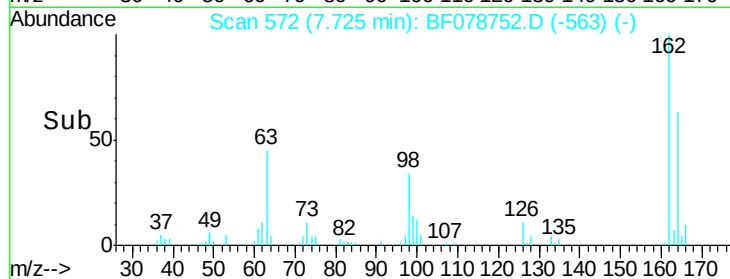
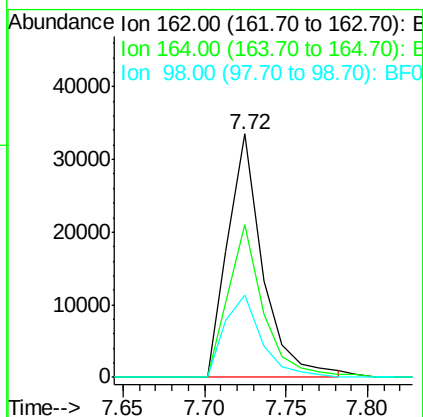
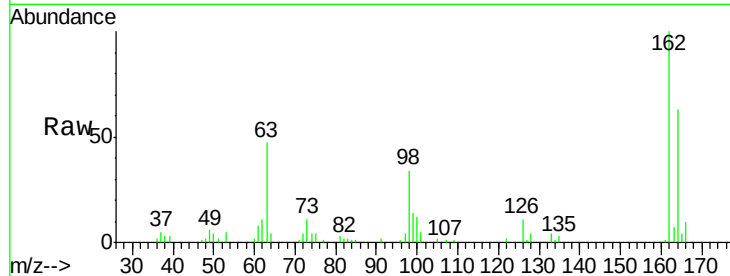




#29
 2,4-Dichlorophenol
 Concen: 36.26 ng
 RT: 7.72 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

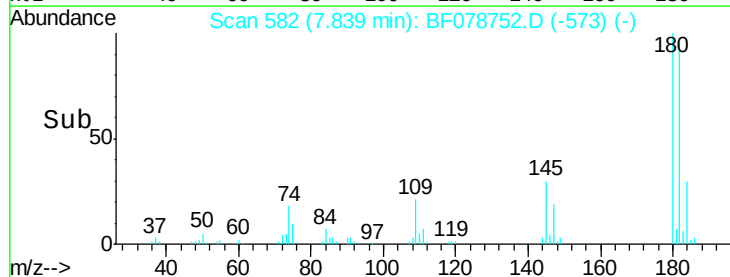
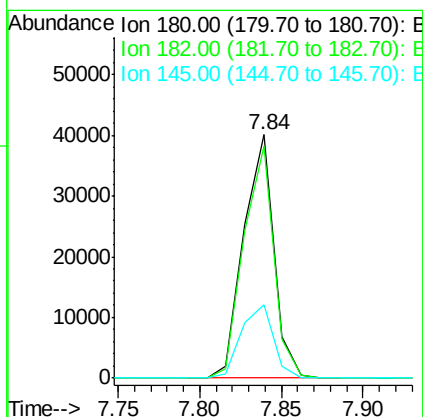
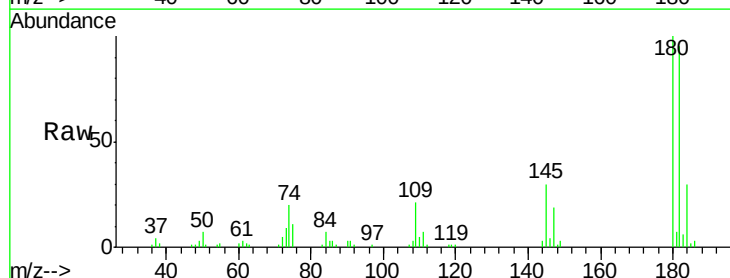
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

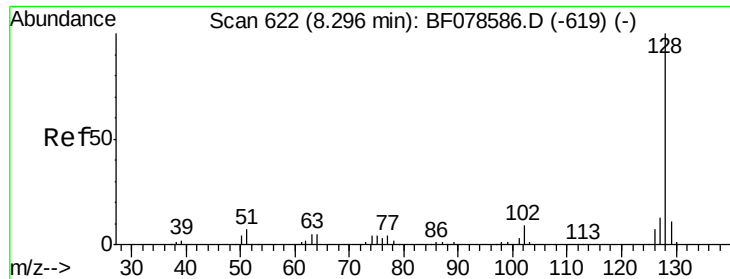
Tot Ion:162 Resp: 49870
 Ion Ratio Lower Upper
 162 100
 164 62.8 47.0 87.0
 98 33.8 9.2 49.2



#30
 1,2,4-Trichlorobenzene
 Concen: 32.48 ng
 RT: 7.84 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:180 Resp: 51220
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.9 115.3
 145 30.3 22.5 33.7

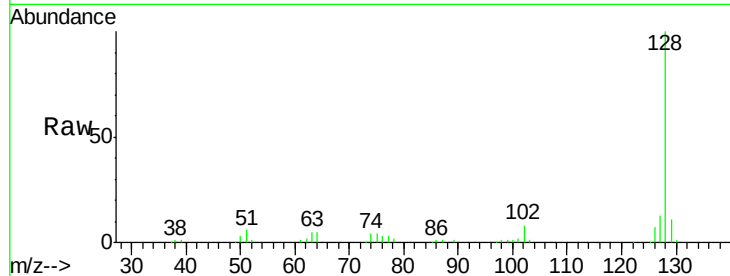




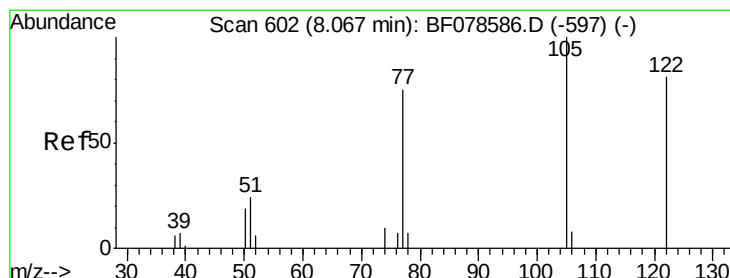
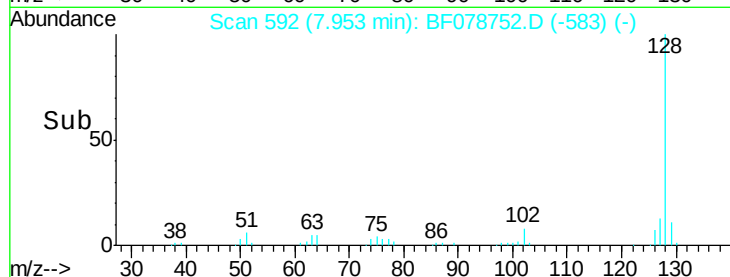
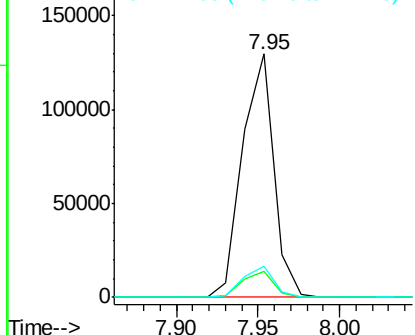
#31
Naphthalene
Concen: 33.40 ng
RT: 7.95 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Instrument :
BNA_F
ClientSampleId :
SB-77DMS

Tot Ion:128 Resp: 171955
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.5 10.7 16.1

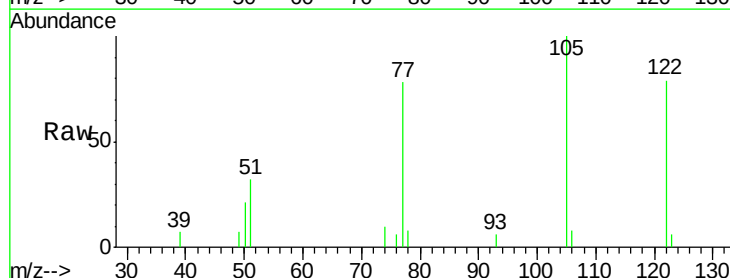


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

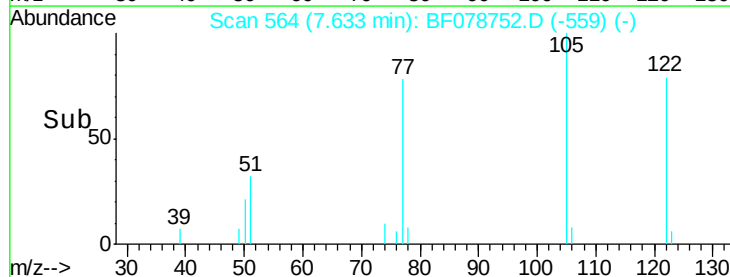
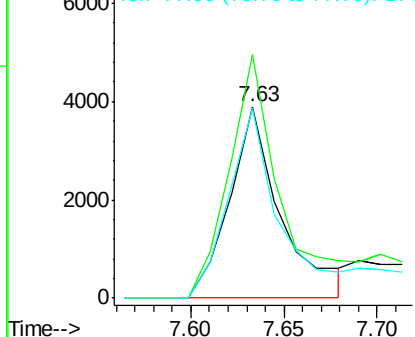


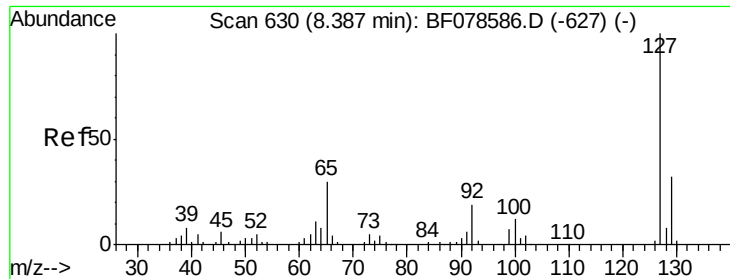
#32
Benzoic acid
Concen: 15.05 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.05 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion:122 Resp: 7484
Ion Ratio Lower Upper
122 100
105 127.3 96.1 136.1
77 99.5 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

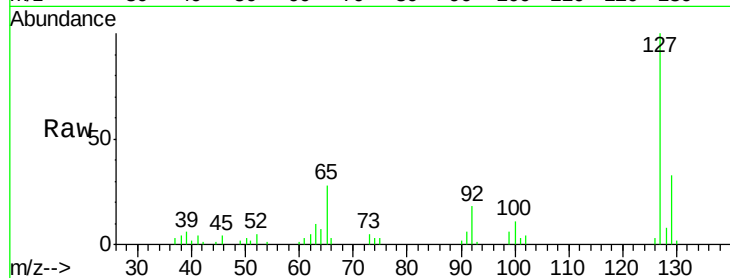




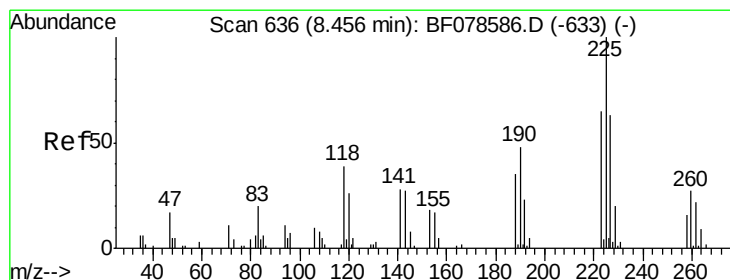
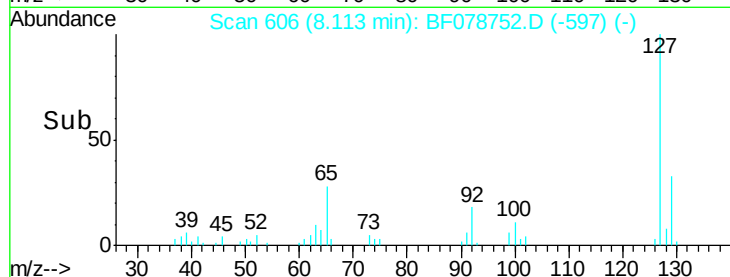
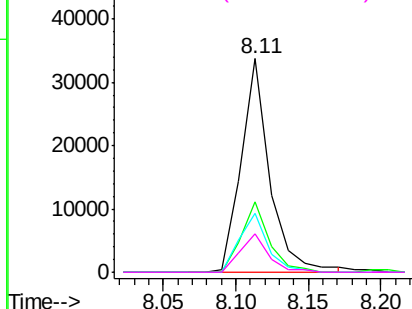
#33
4-Chloroaniline
Concen: 21.53 ng
RT: 8.11 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Instrument :
BNA_F
ClientSampleId :
SB-77DMS

Tot Ion:127	Resp:	46001
Ion Ratio	Lower	Upper
127	100	
129	33.2	25.5 38.3
65	27.8	21.7 32.5
92	17.8	14.6 21.8

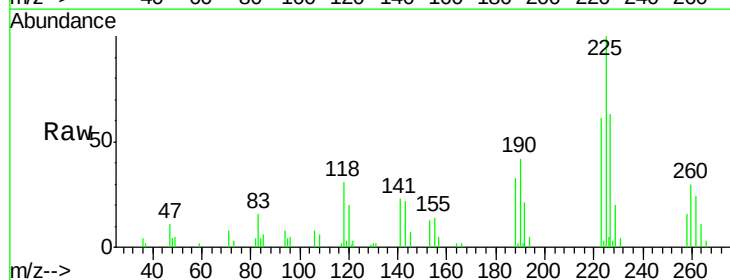


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

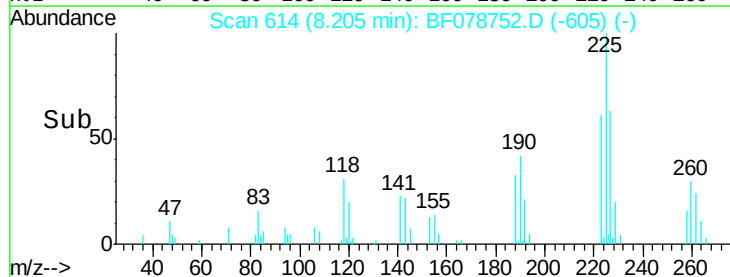
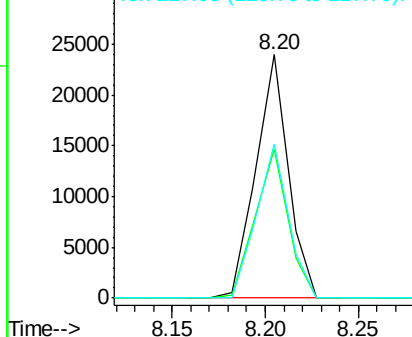


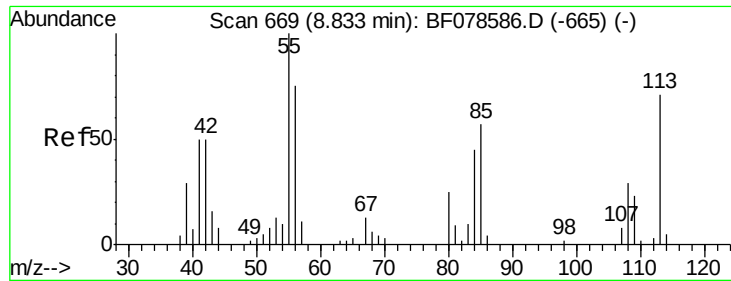
#34
Hexachlorobutadiene
Concen: 33.17 ng
RT: 8.20 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion:225	Resp:	28721
Ion Ratio	Lower	Upper
225	100	
223	61.2	47.5 71.3
227	63.1	50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

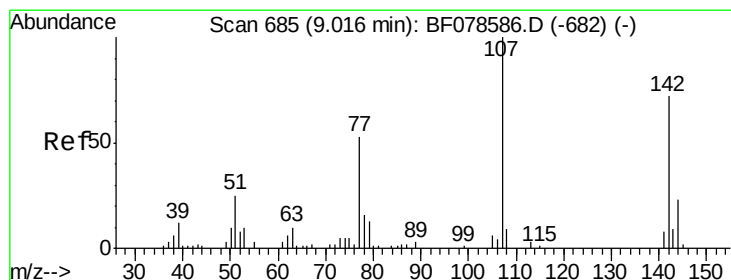
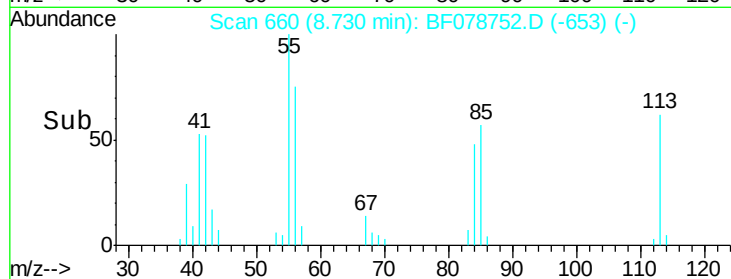
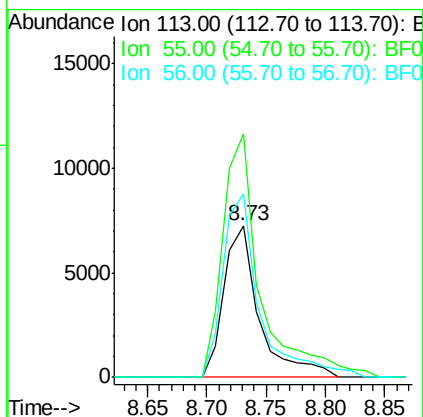
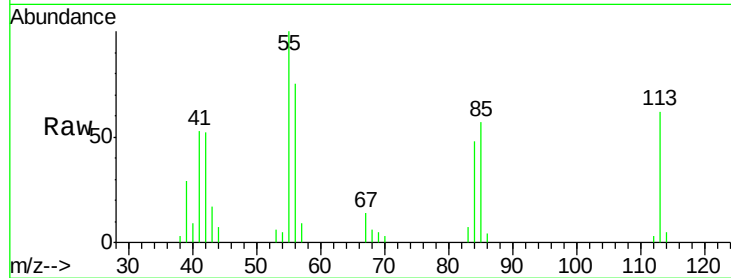




#35
 Caprolactam
 Concen: 36.38 ng
 RT: 8.73 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

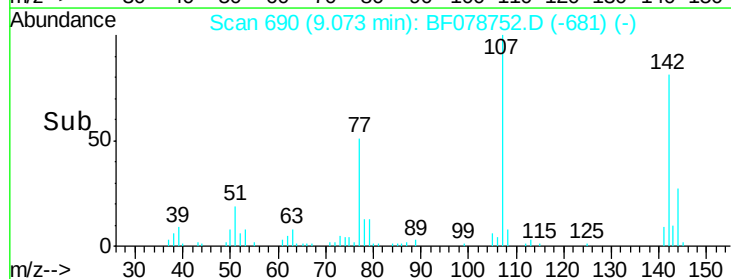
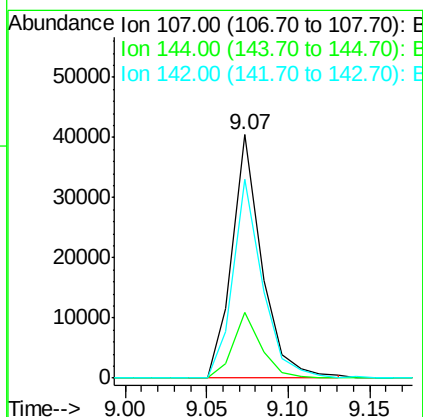
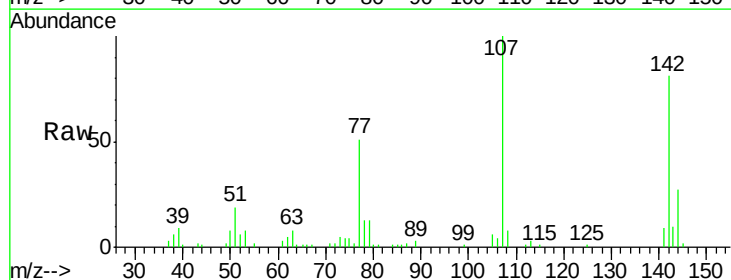
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

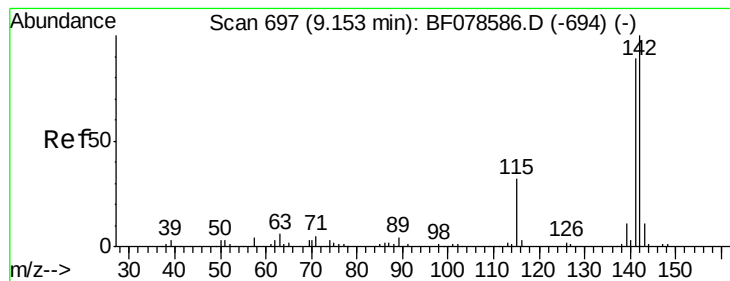
Tot Ion:113 Resp: 14938
 Ion Ratio Lower Upper
 113 100
 55 160.6 151.9 191.9
 56 121.3 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 36.94 ng
 RT: 9.07 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:107 Resp: 51273
 Ion Ratio Lower Upper
 107 100
 144 27.0 18.2 27.2
 142 81.5 58.0 87.0

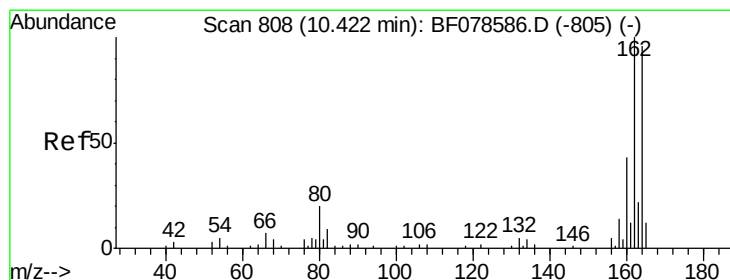
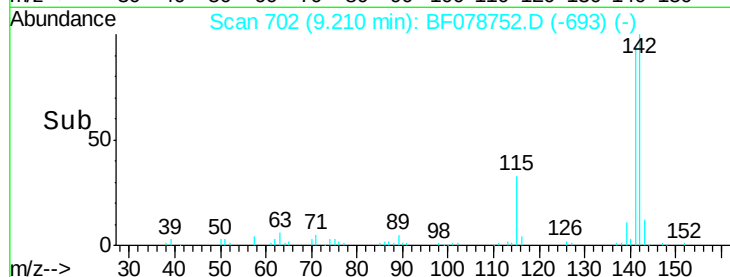
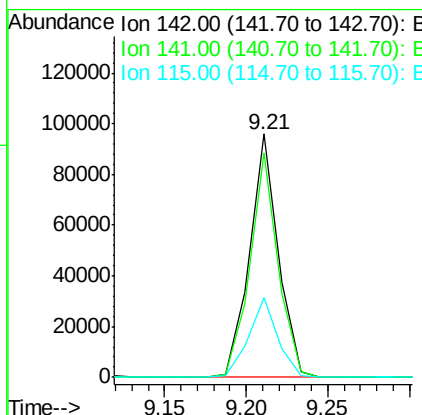
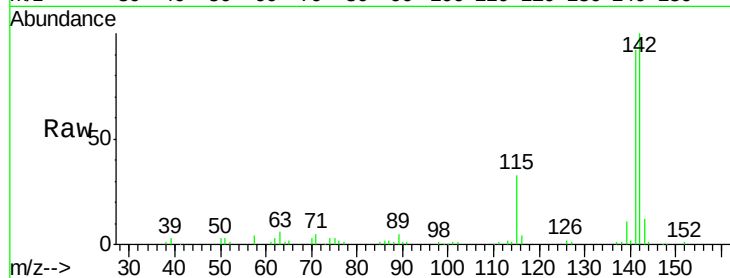




#37
 2-Methylnaphthalene
 Concen: 33.58 ng
 RT: 9.21 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

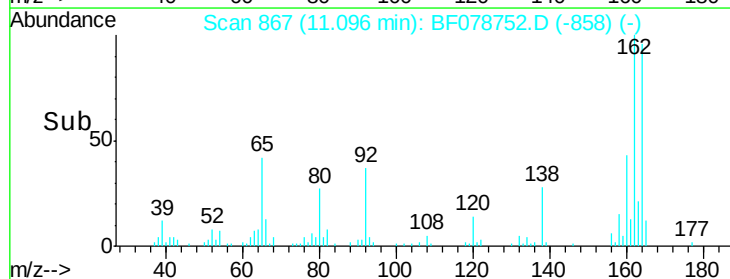
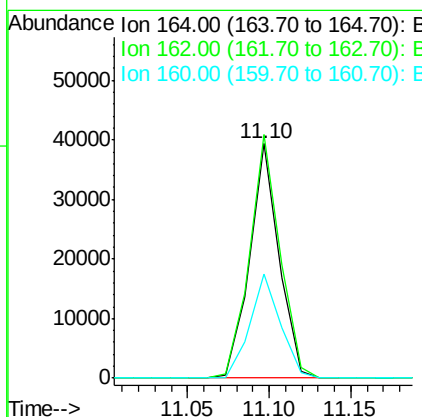
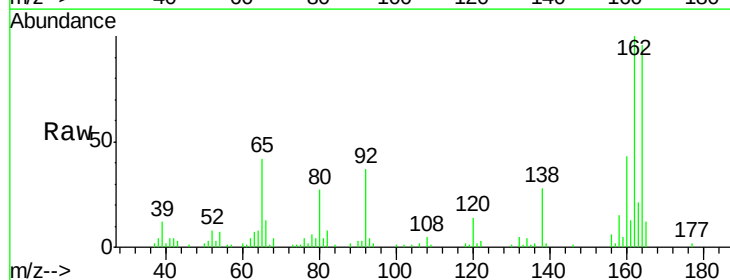
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

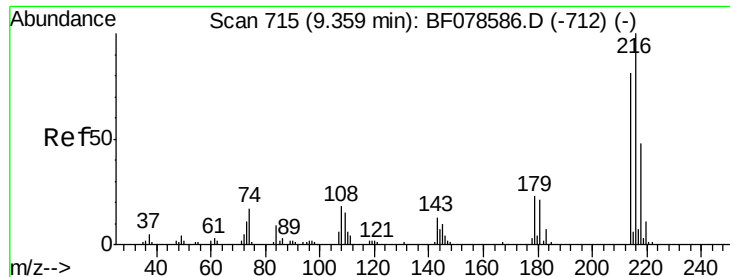
Tot Ion:142 Resp: 117396
 Ion Ratio Lower Upper
 142 100
 141 92.4 70.3 105.5
 115 32.9 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:164 Resp: 48954
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.2 123.2
 160 44.5 34.7 52.1

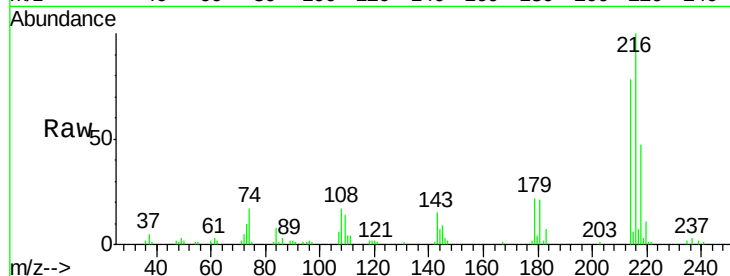




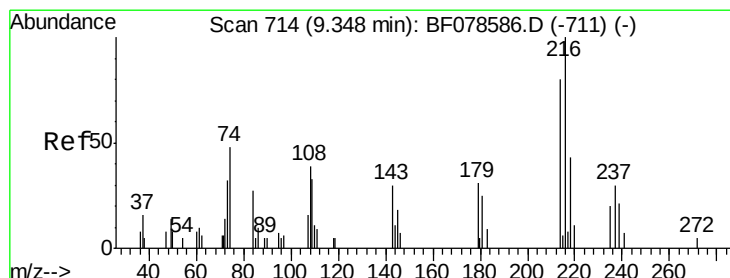
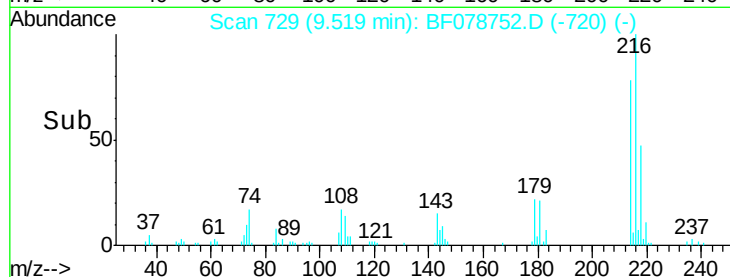
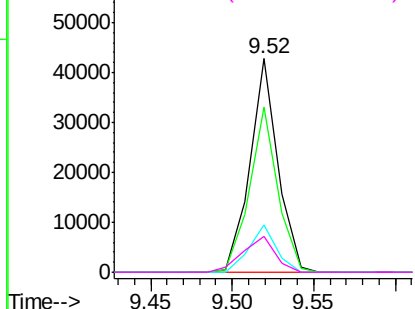
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.54 ng
 RT: 9.52 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

Tot Ion:216	Resp:	50874
Ion	Ratio	Lower Upper
216	100	
214	77.7	62.0 93.0
179	21.6	17.3 25.9
108	19.1	14.6 21.8

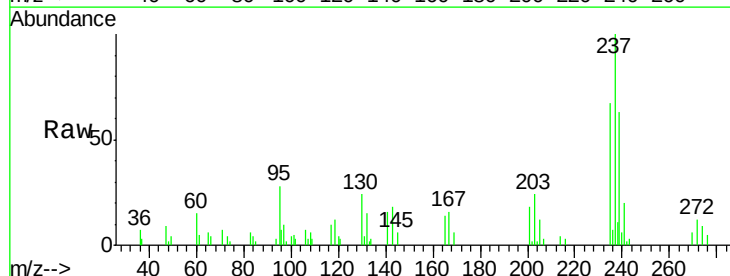


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

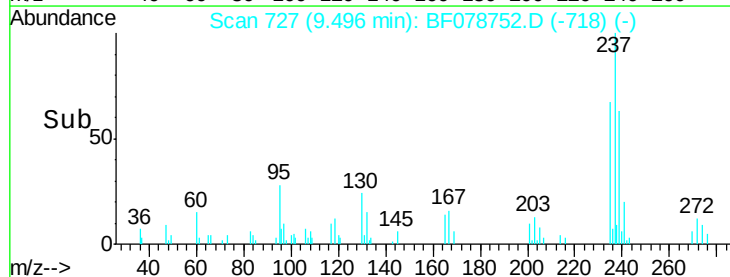
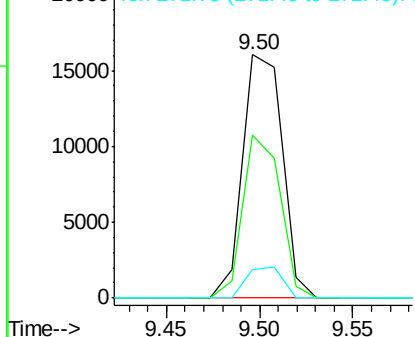


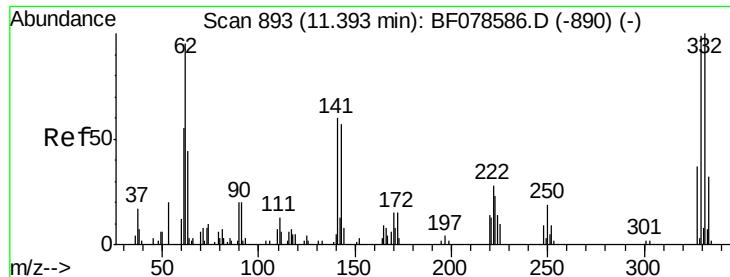
#40
 Hexachlorocyclopentadiene
 Concen: 39.97 ng
 RT: 9.50 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:237	Resp:	23664
Ion	Ratio	Lower Upper
237	100	
235	67.0	44.1 84.1
272	11.7	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

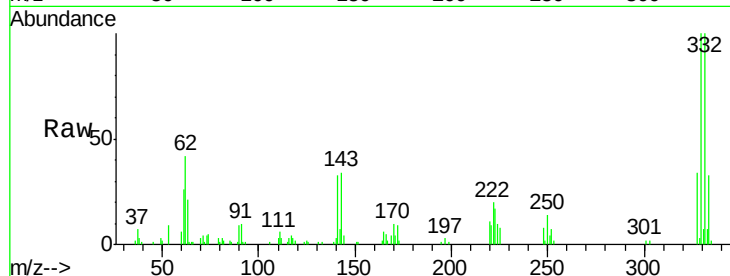




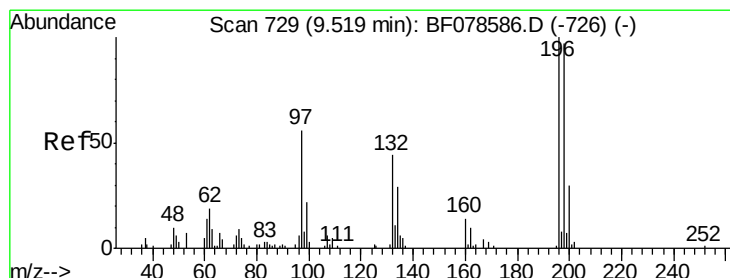
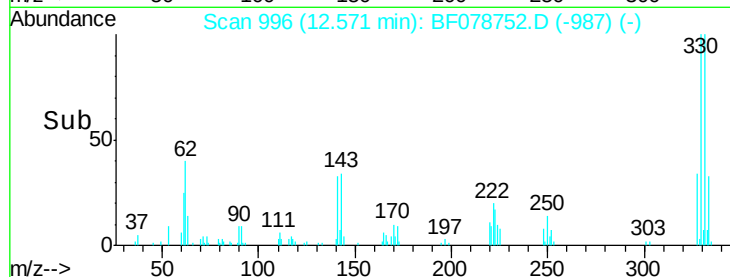
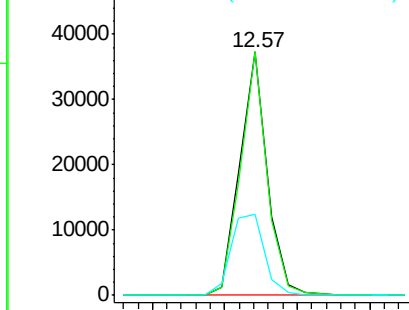
#41
 2,4,6-Tribromophenol
 Concen: 121.35 ng
 RT: 12.57 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

Tot Ion:330 Resp: 49268
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 117.8
 141 40.0 31.2 46.8

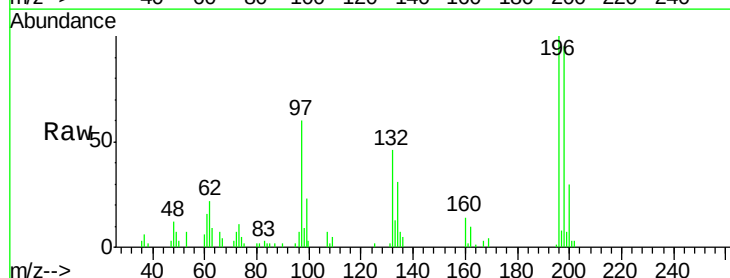


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

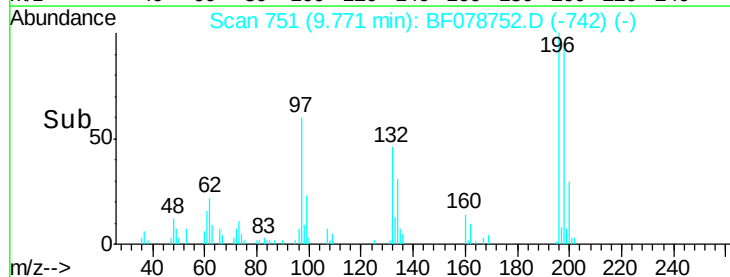
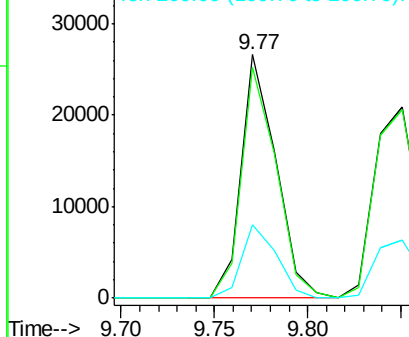


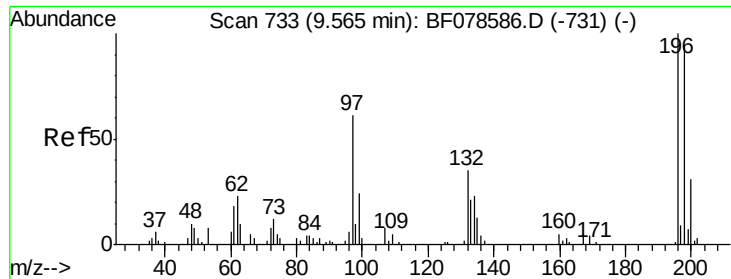
#42
 2,4,6-Trichlorophenol
 Concen: 36.14 ng
 RT: 9.77 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:196 Resp: 34575
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.4 113.2
 200 30.1 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

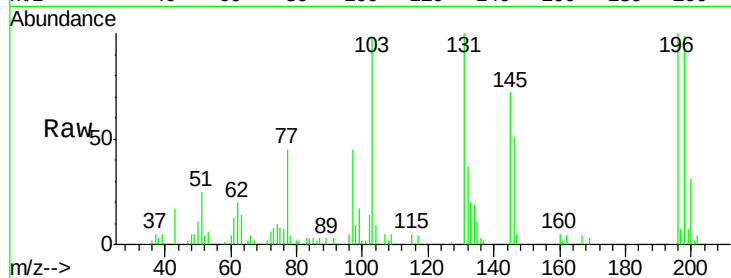




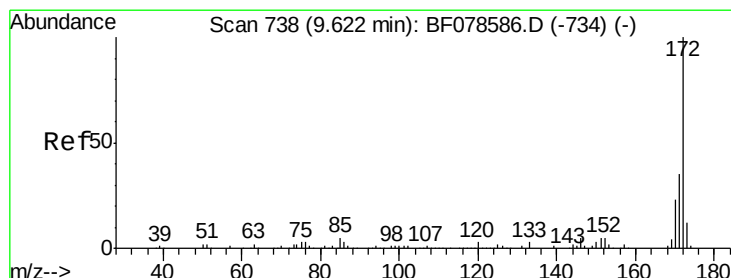
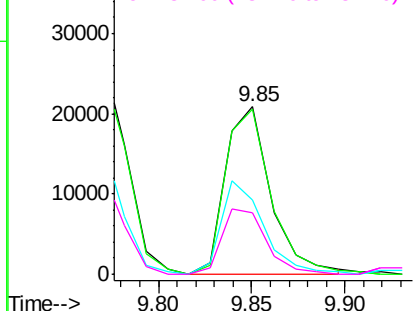
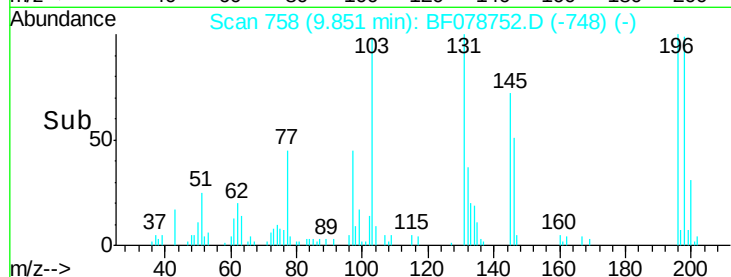
#43
 2,4,5-Trichlorophenol
 Concen: 35.71 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

Tot Ion:196 Resp: 35693
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.6 115.0
 97 44.7 50.6 75.8#
 132 36.6 27.7 41.5

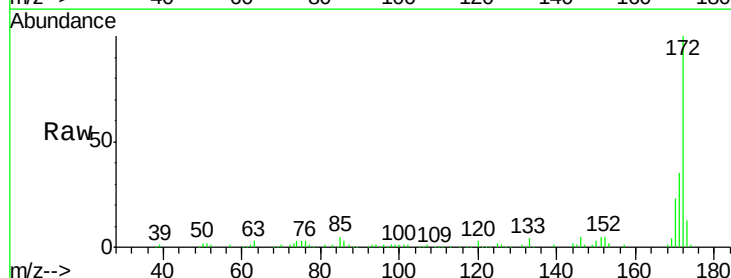


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

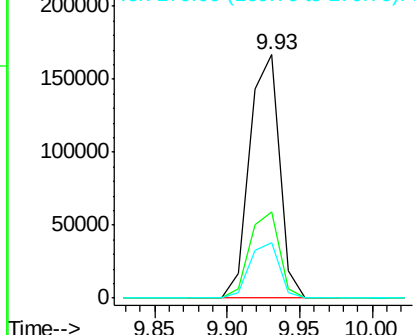
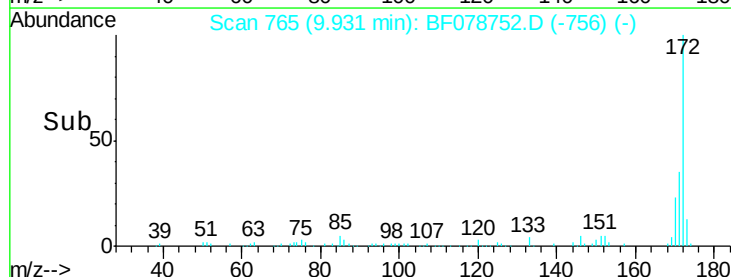


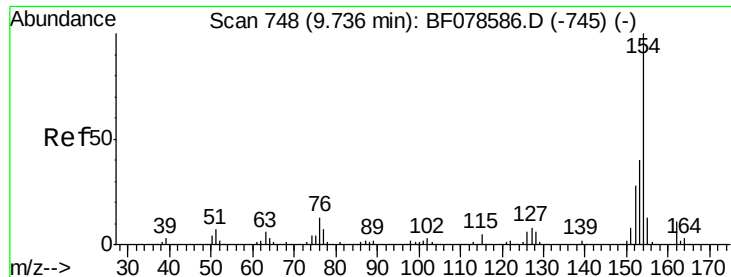
#44
 2-Fluorobiphenyl
 Concen: 69.54 ng
 RT: 9.93 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:172 Resp: 238147
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 22.6 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

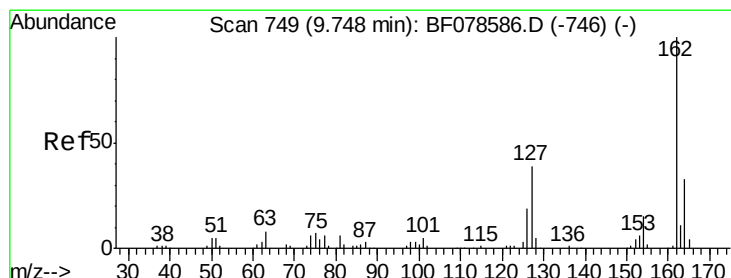
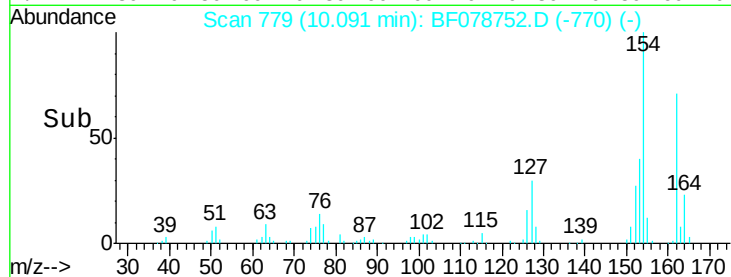
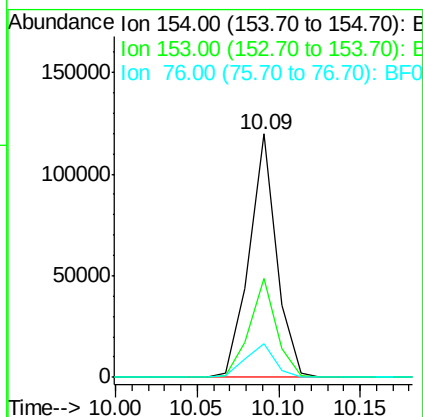
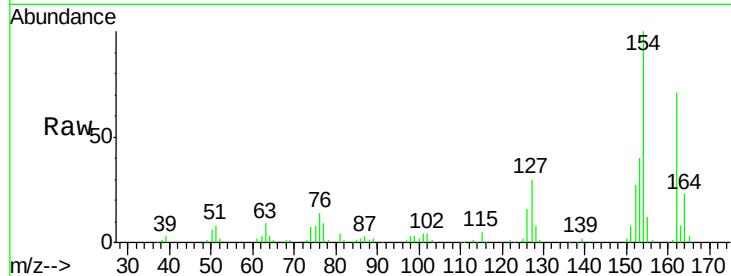




#45
 1,1'-Biphenyl
 Concen: 34.86 ng
 RT: 10.09 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

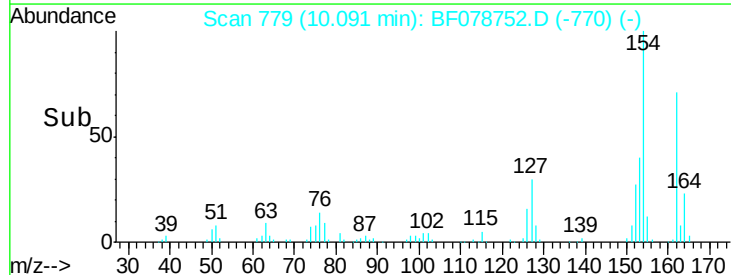
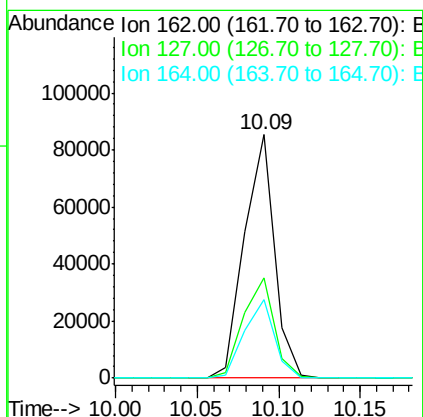
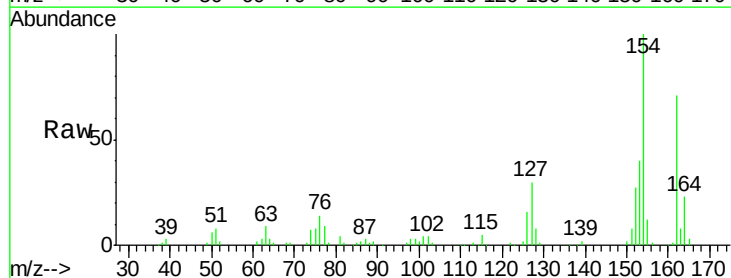
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

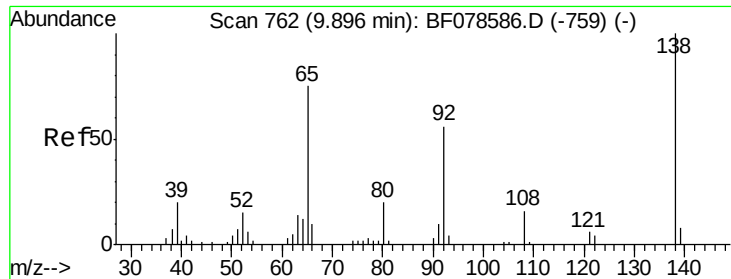
Tot Ion:154 Resp: 139574
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.0 60.0
 76 13.6 0.0 30.6



#46
 2-Chloronaphthalene
 Concen: 34.58 ng
 RT: 10.09 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:162 Resp: 108938
 Ion Ratio Lower Upper
 162 100
 127 41.4 32.6 49.0
 164 32.3 26.0 39.0

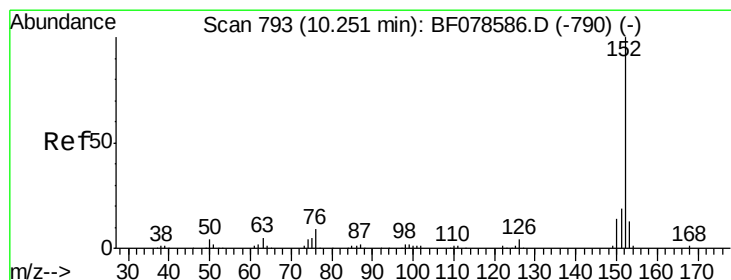
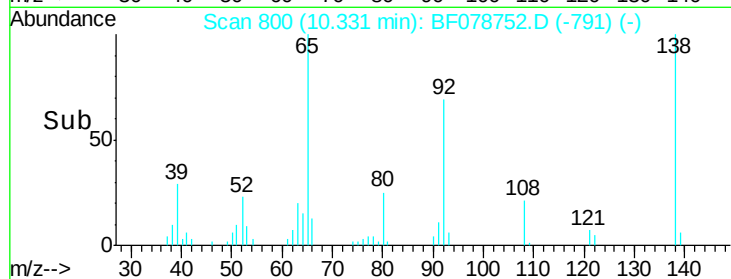
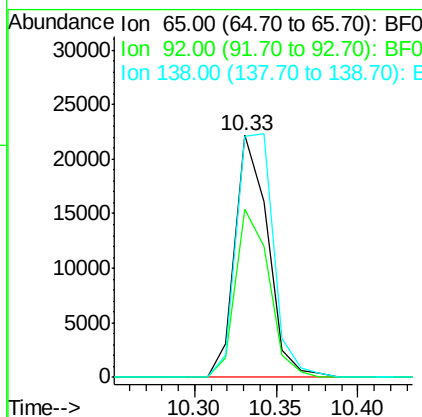
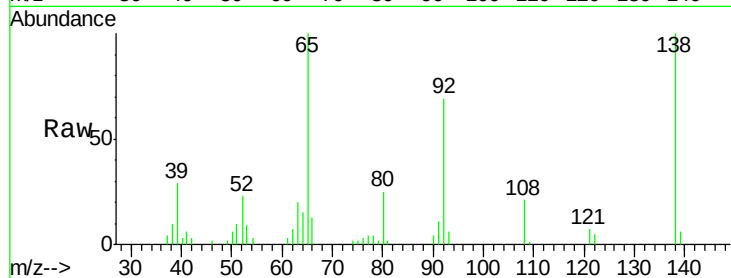




#47
 2-Nitroaniline
 Concen: 39.46 ng
 RT: 10.33 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

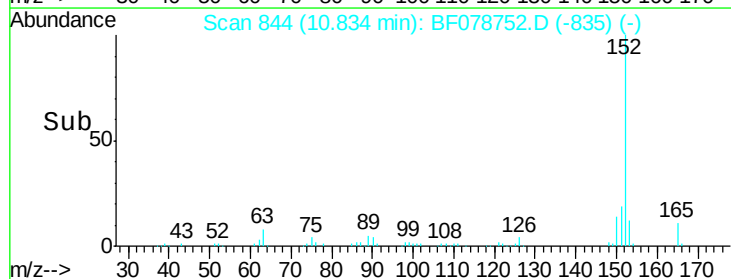
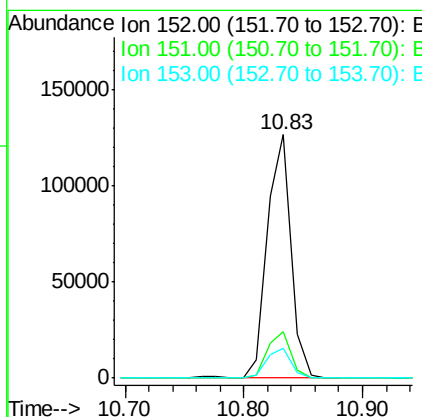
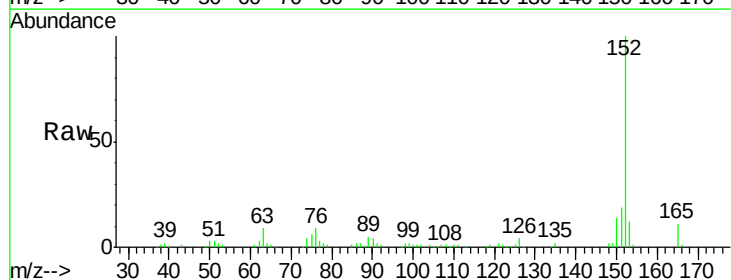
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

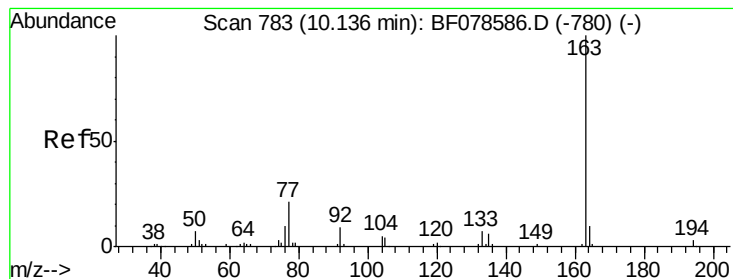
Tot Ion: 65 Resp: 30758
 Ion Ratio Lower Upper
 65 100
 92 69.2 51.3 76.9
 138 99.7 70.4 105.6



#48
 Acenaphthylene
 Concen: 34.73 ng
 RT: 10.83 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion: 152 Resp: 176674
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.7 23.5
 153 12.4 10.2 15.2





#49

Dimethylphthalate

Concen: 41.74 ng

RT: 10.74 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

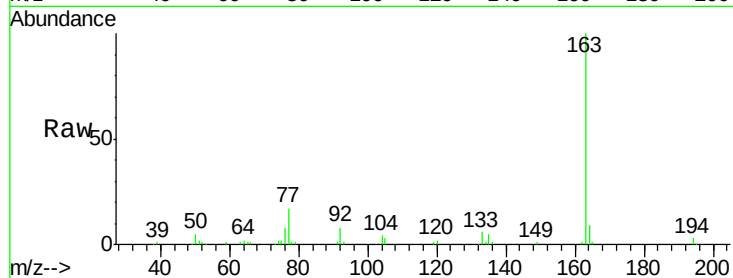
Tot Ion:163 Resp: 153528

Ion Ratio Lower Upper

163 100

194 3.5 2.3 3.5

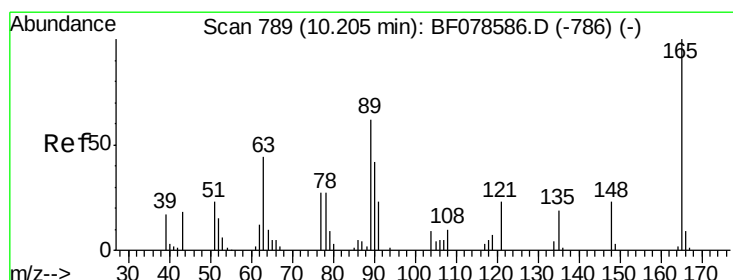
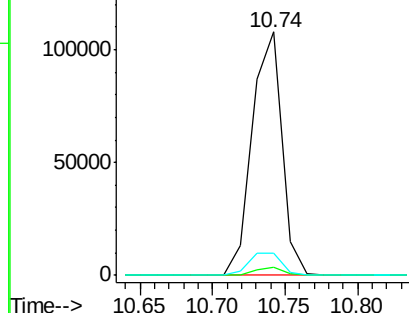
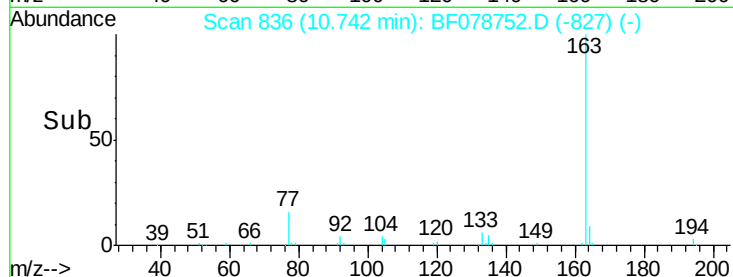
164 9.3 8.6 13.0



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: 35.61 ng

RT: 10.82 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

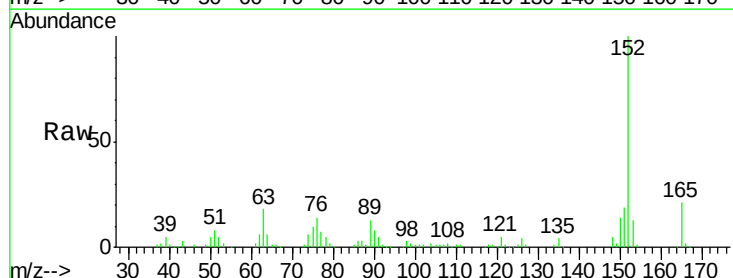
Tgt Ion:165 Resp: 26942

Ion Ratio Lower Upper

165 100

63 88.4 24.1 36.1#

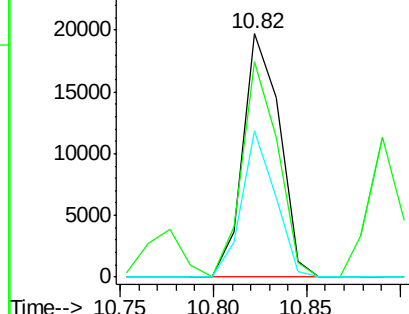
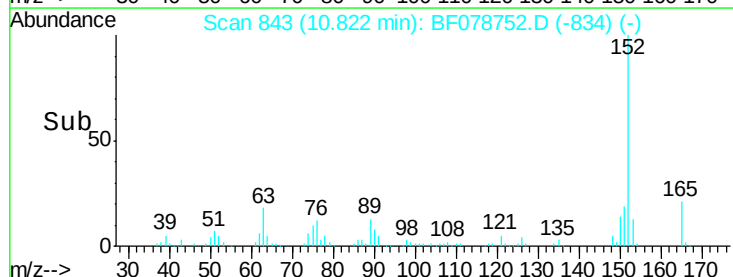
89 60.3 28.9 43.3#

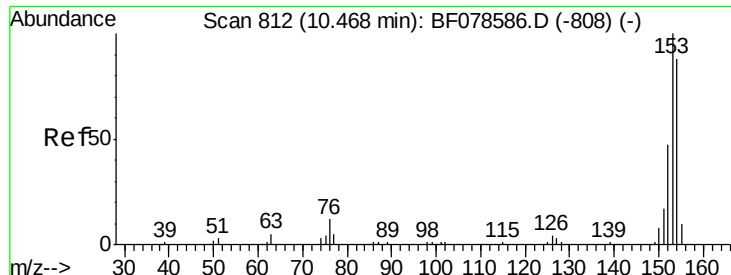


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.01 ng

RT: 11.15 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

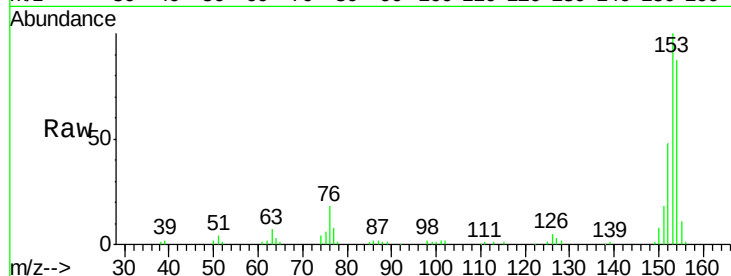
Tot Ion:154 Resp: 100267

Ion Ratio Lower Upper

154 100

153 115.1 91.4 137.2

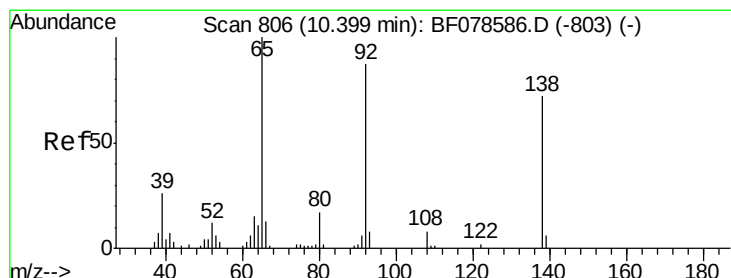
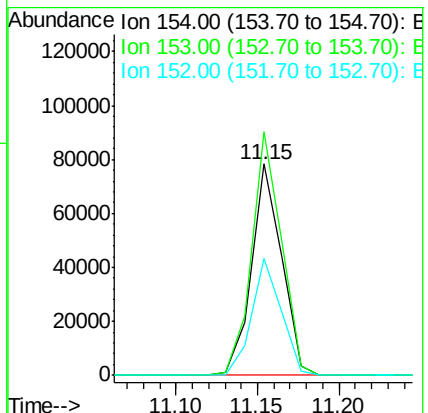
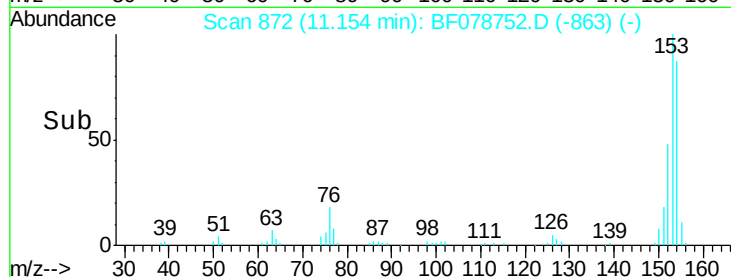
152 55.2 43.0 64.6



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: 32.03 ng

RT: 11.11 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

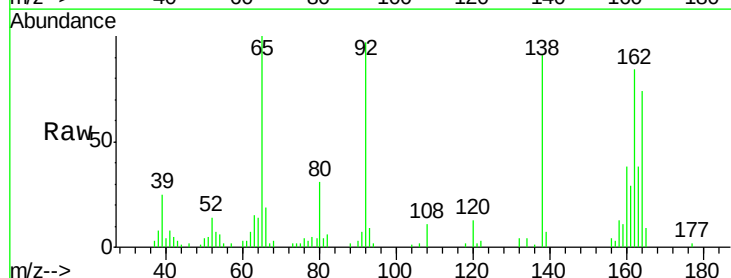
Tgt Ion:138 Resp: 27555

Ion Ratio Lower Upper

138 100

108 11.9 8.2 12.4

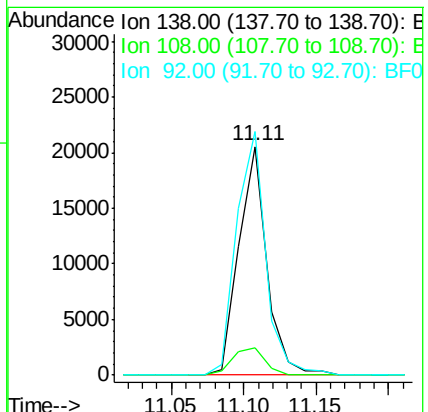
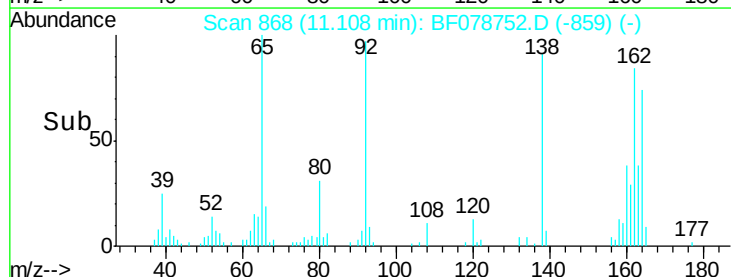
92 106.5 88.4 132.6

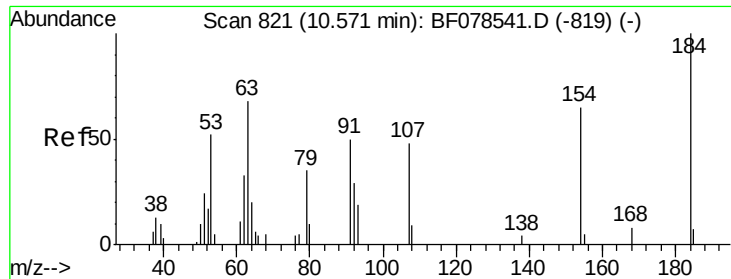


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

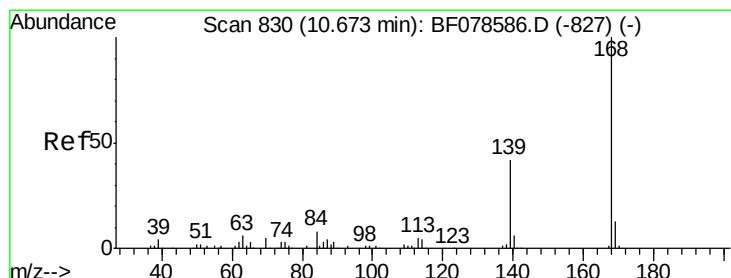
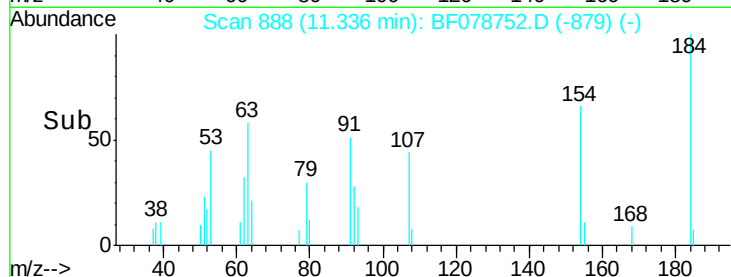
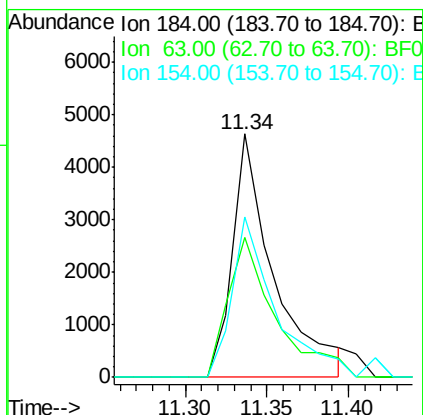
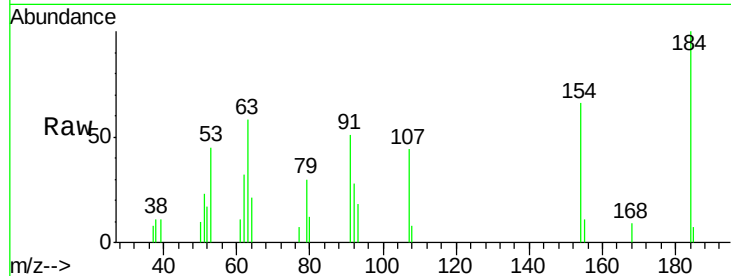




#53
2,4-Dinitrophenol
Concen: 38.84 ng
RT: 11.34 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

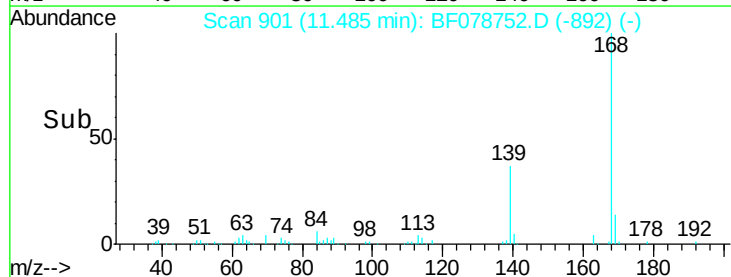
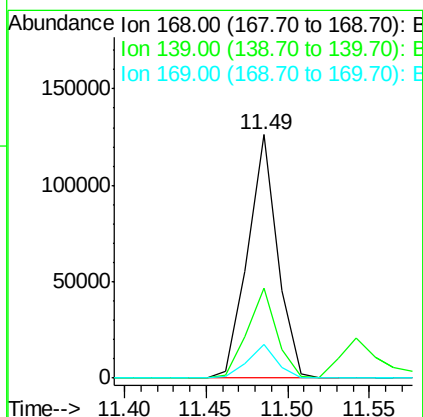
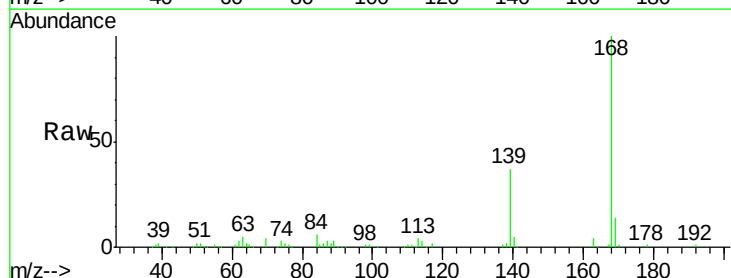
Instrument :
BNA_F
ClientSampleId :
SB-77DMS

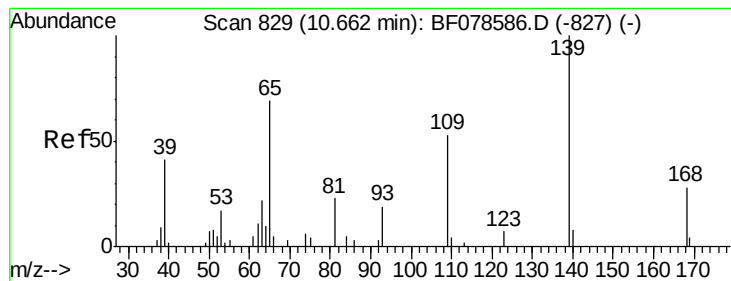
Tot Ion:184 Resp: 8096
Ion Ratio Lower Upper
184 100
63 57.6 51.9 77.9
154 65.7 51.0 76.4



#54
Dibenzofuran
Concen: 36.52 ng
RT: 11.49 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion:168 Resp: 159782
Ion Ratio Lower Upper
168 100
139 37.0 31.0 46.4
169 13.6 10.7 16.1





#55

4-Nitrophenol

Concen: 59.71 ng

RT: 11.54 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

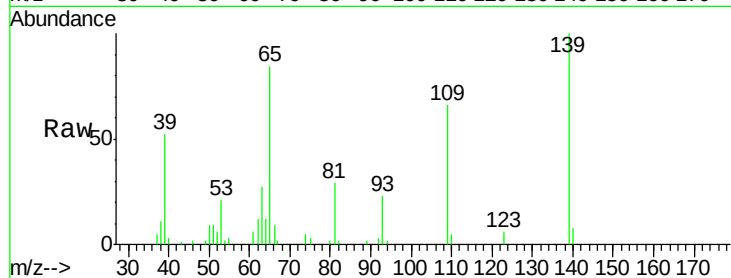
Tot Ion:139 Resp: 37368

Ion Ratio Lower Upper

139 100

109 65.6 36.7 76.7

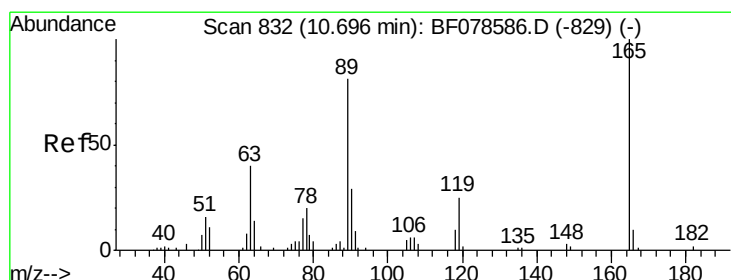
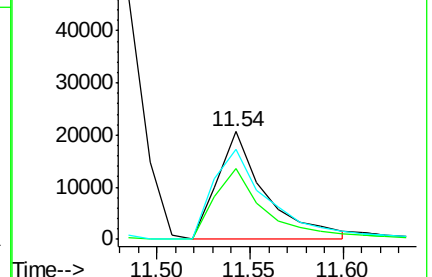
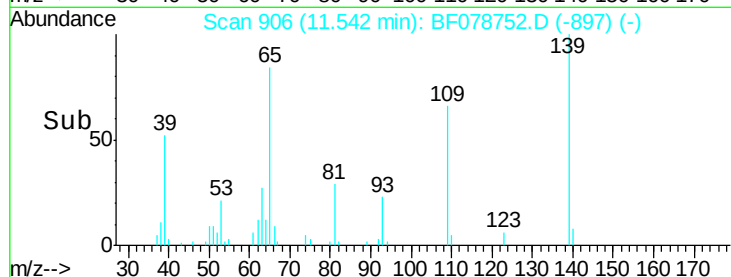
65 83.8 49.9 89.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.95 ng

RT: 11.57 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Tgt Ion:165 Resp: 38169

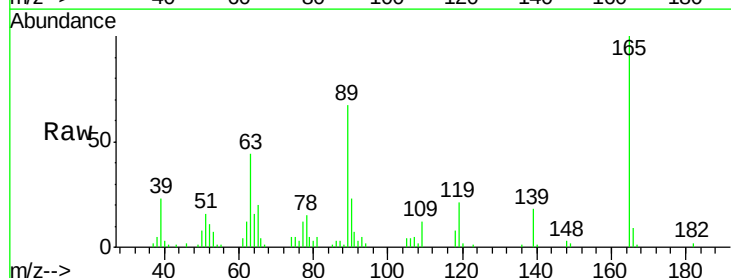
Ion Ratio Lower Upper

165 100

63 43.8 26.5 39.7#

89 67.2 46.4 69.6

182 2.3 2.0 3.0

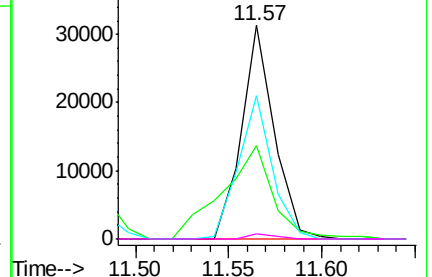
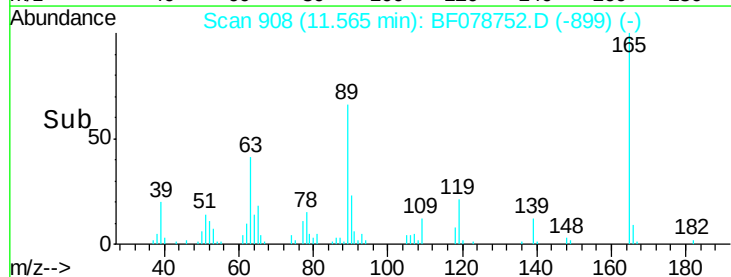


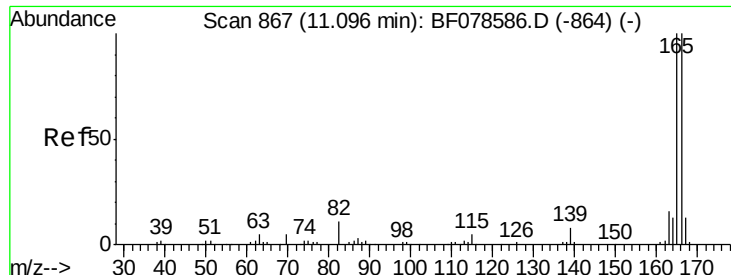
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

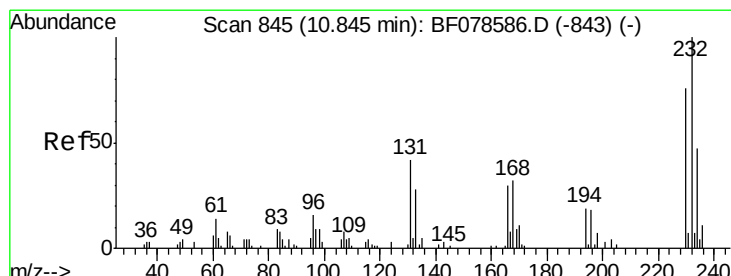
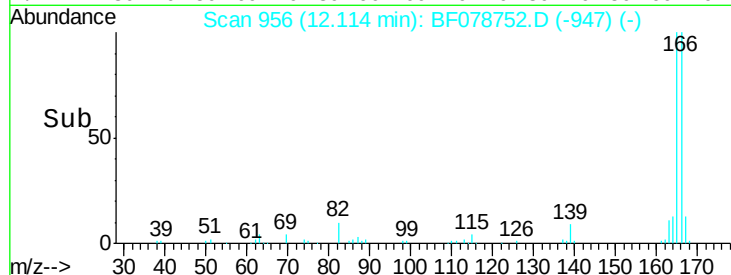
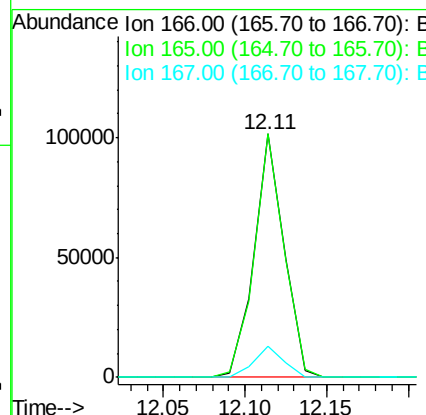
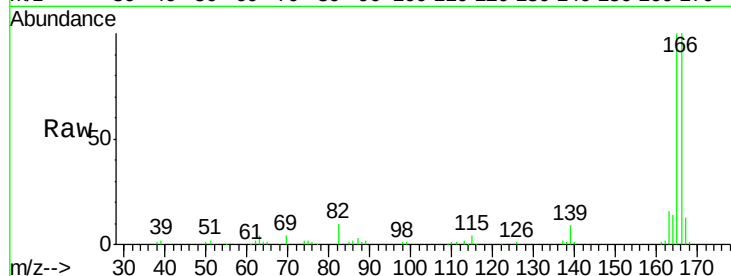




#57
 Fluorene
 Concen: 36.46 ng
 RT: 12.11 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

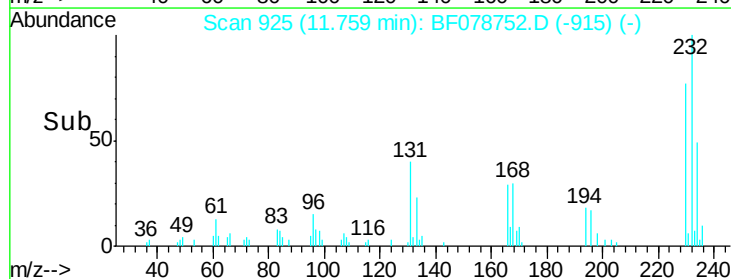
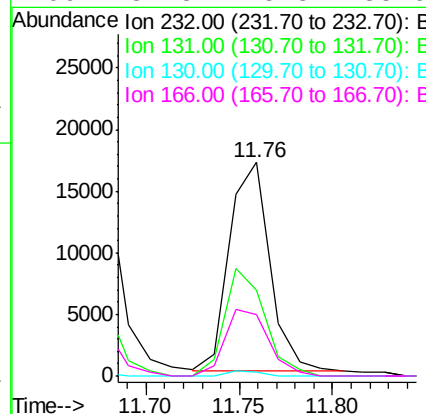
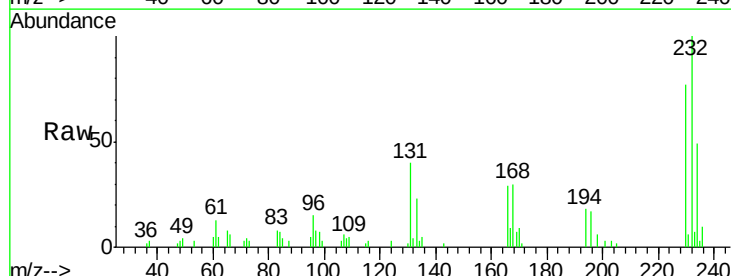
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

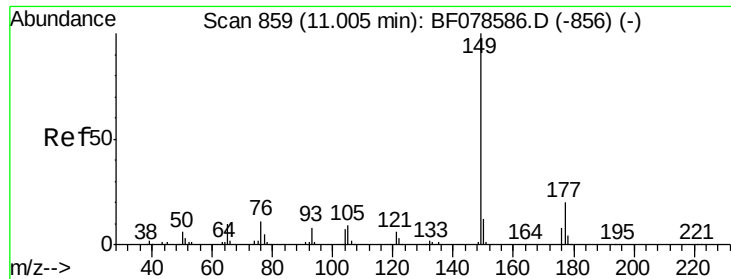
Tot Ion:166 Resp: 129287
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.9 118.3
 167 12.9 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.85 ng
 RT: 11.76 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:232 Resp: 25822
 Ion Ratio Lower Upper
 232 100
 131 50.9 37.8 56.8
 130 2.1 1.5 2.3
 166 34.3 25.8 38.6

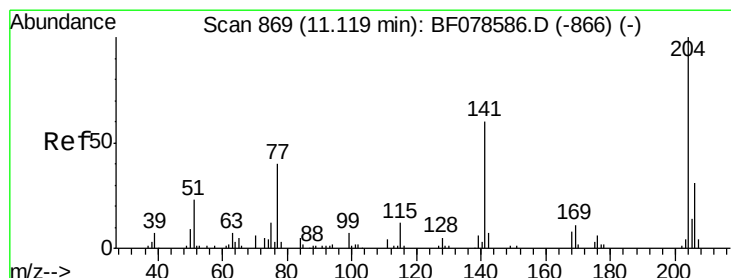
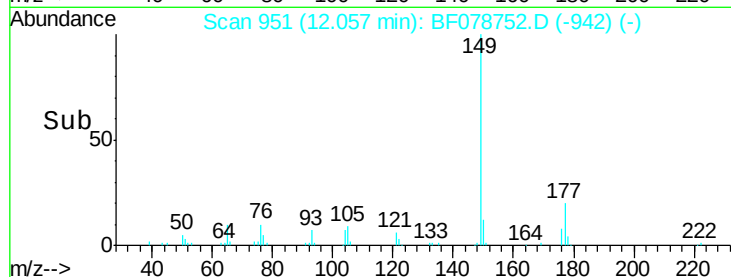
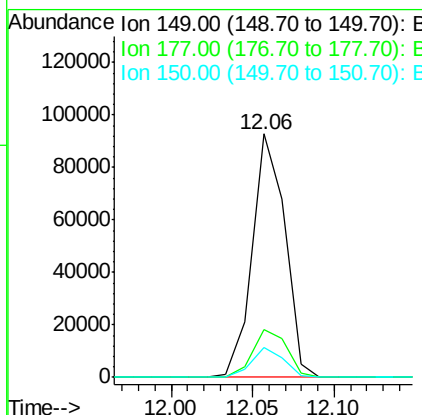
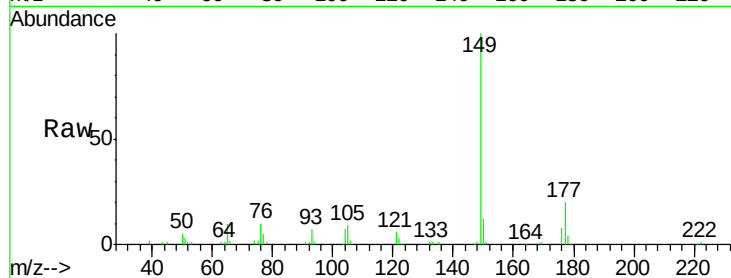




#59
Diethylphthalate
Concen: 36.43 ng
RT: 12.06 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

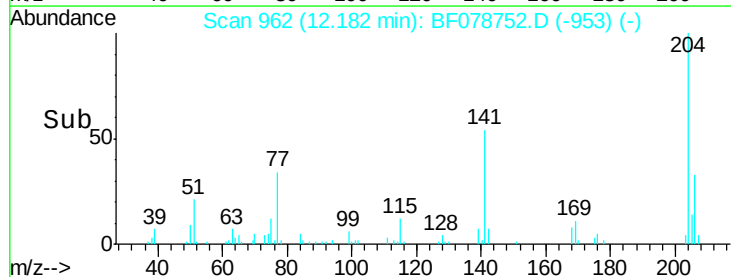
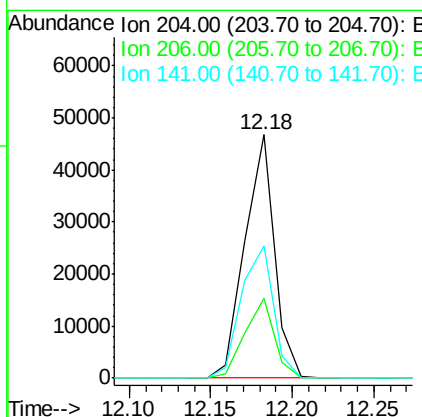
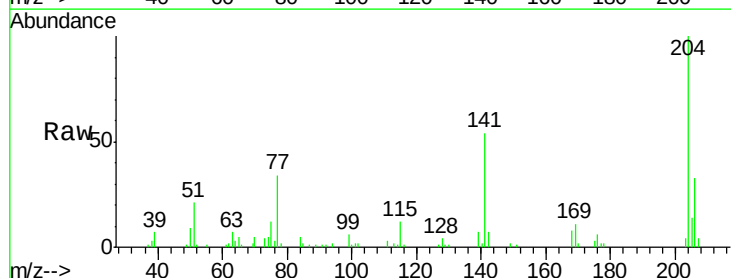
Instrument :
BNA_F
ClientSampleId :
SB-77DMS

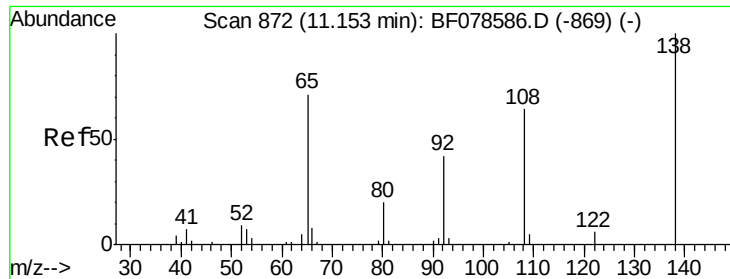
Tot Ion:149 Resp: 129182
Ion Ratio Lower Upper
149 100
177 19.7 17.4 26.2
150 12.2 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 36.13 ng
RT: 12.18 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion:204 Resp: 58939
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 54.3 35.4 53.0#

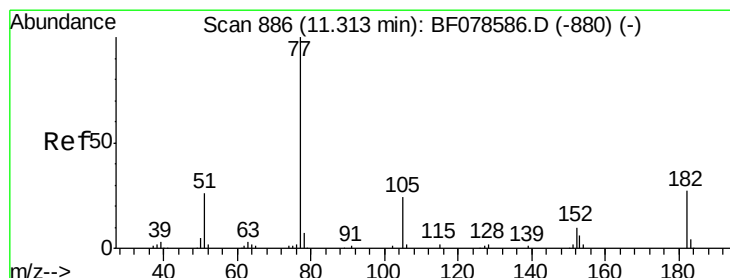
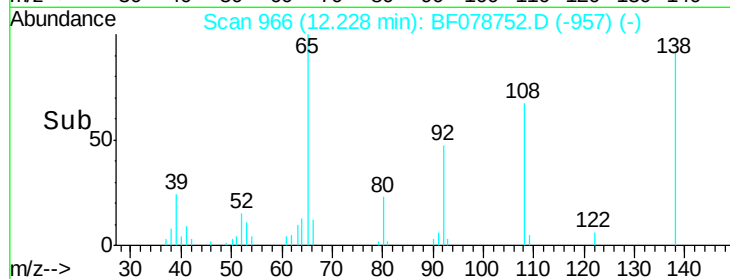
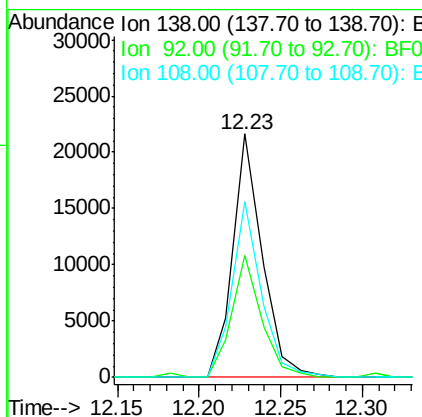
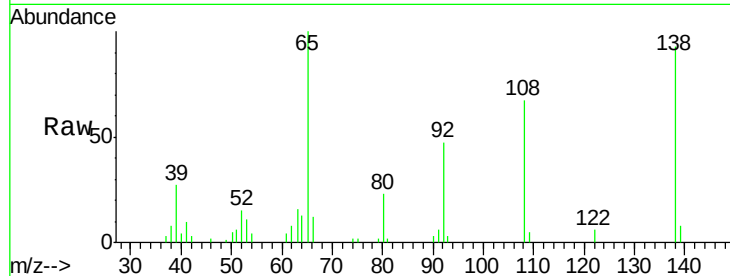




#61
 4-Nitroaniline
 Concen: 31.21 ng
 RT: 12.23 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

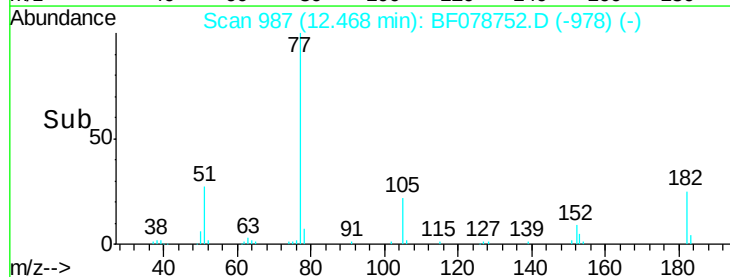
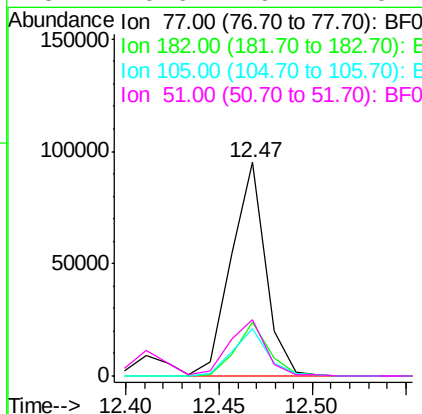
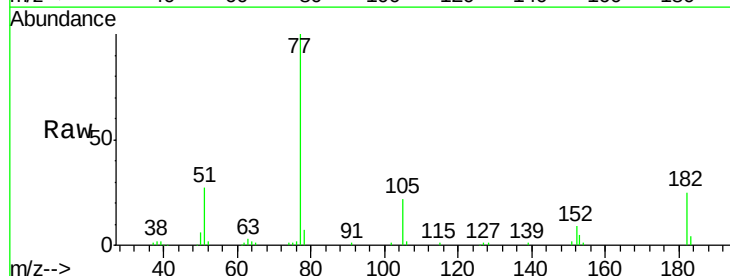
Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

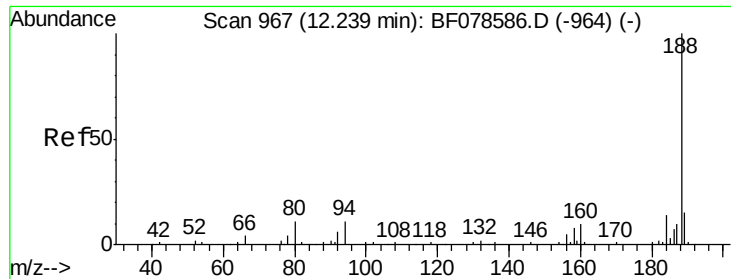
Tot Ion:138 Resp: 27147
 Ion Ratio Lower Upper
 138 100
 92 50.3 27.3 67.3
 108 72.2 47.2 87.2



#62
 Azobenzene
 Concen: 37.78 ng
 RT: 12.47 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion: 77 Resp: 122259
 Ion Ratio Lower Upper
 77 100
 182 24.9 0.0 36.8
 105 22.1 0.3 40.3
 51 26.6 9.1 49.1

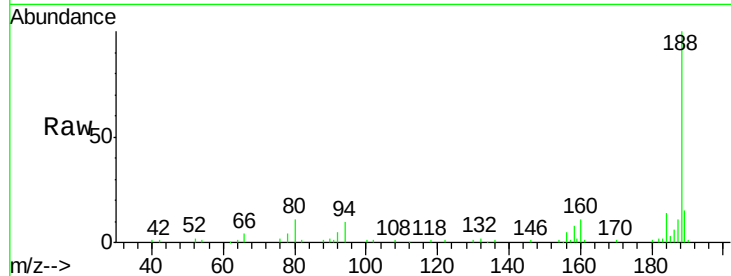




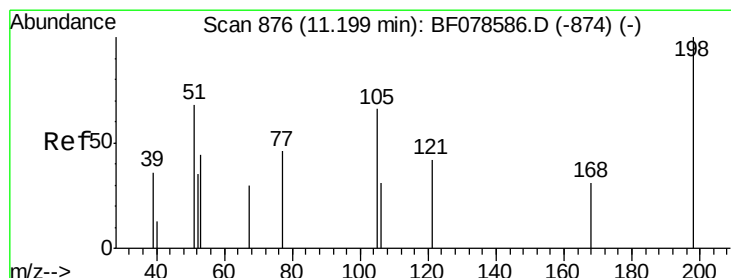
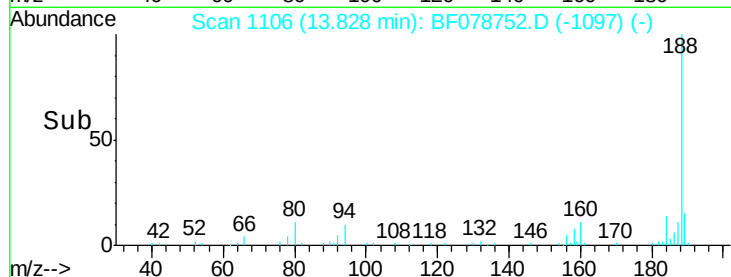
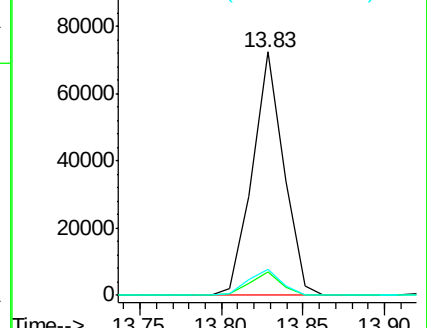
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

Tot Ion:188 Resp: 96646
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.0 13.4
 80 10.9 9.5 14.3

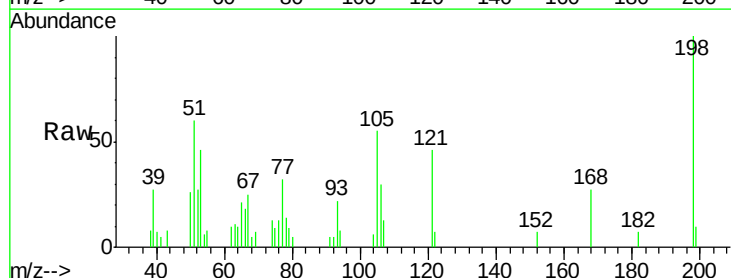


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

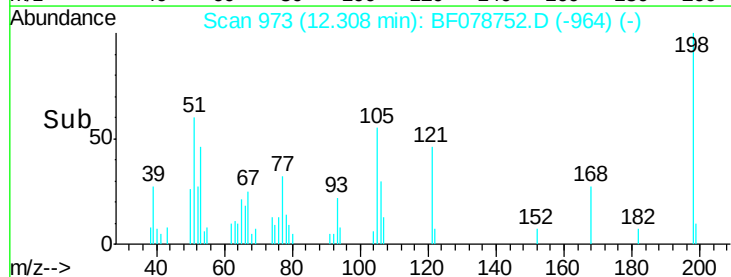
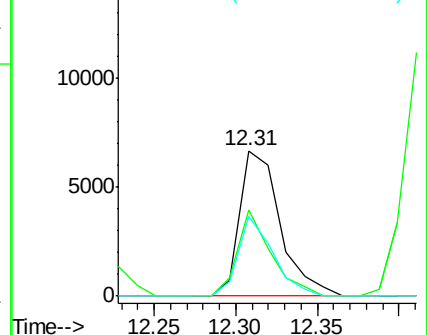


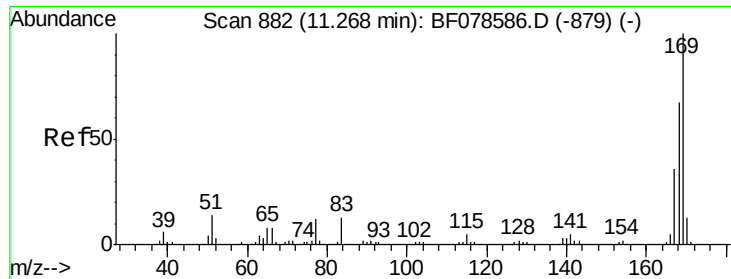
#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.20 ng
 RT: 12.31 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:198 Resp: 11468
 Ion Ratio Lower Upper
 198 100
 51 59.6 48.6 88.6
 105 55.1 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

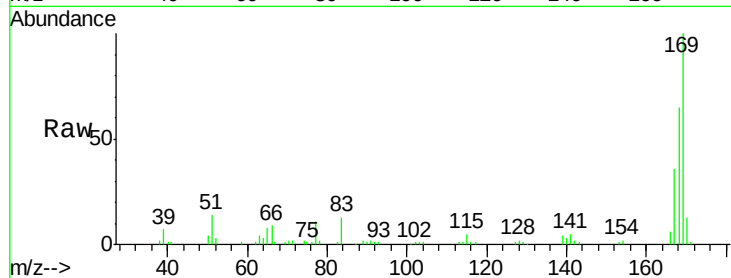




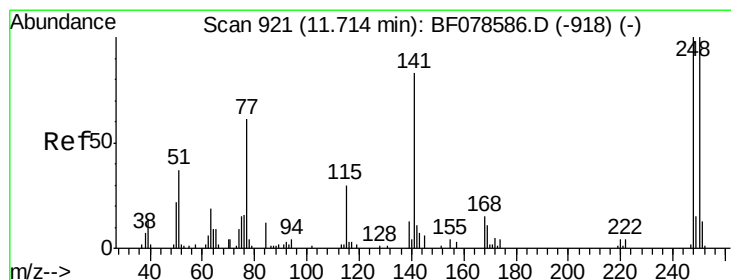
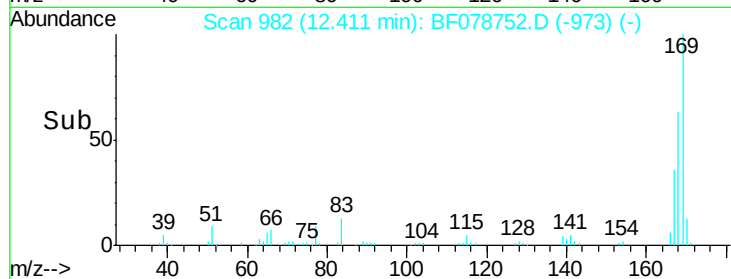
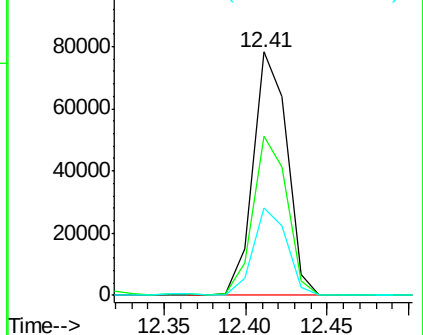
#65
 n-Nitrosodiphenylamine
 Concen: 33.68 ng
 RT: 12.41 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

Tot Ion:169 Resp: 112596
 Ion Ratio Lower Upper
 169 100
 168 65.4 55.0 82.4
 167 36.1 29.3 43.9

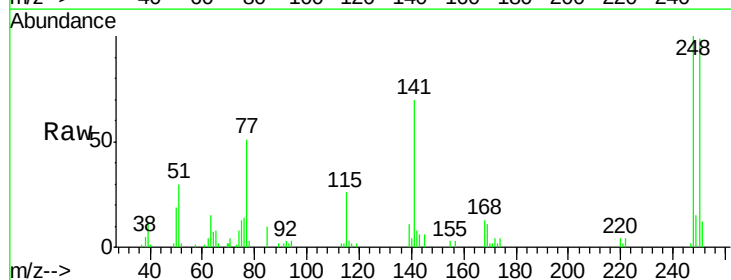


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

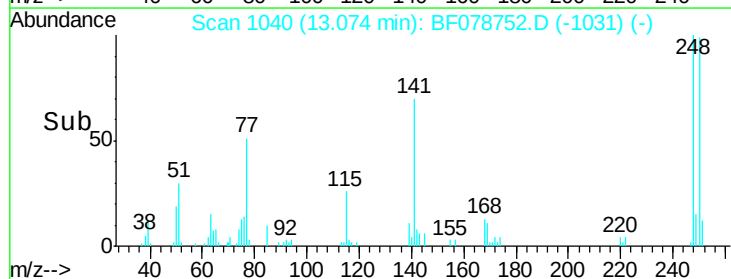
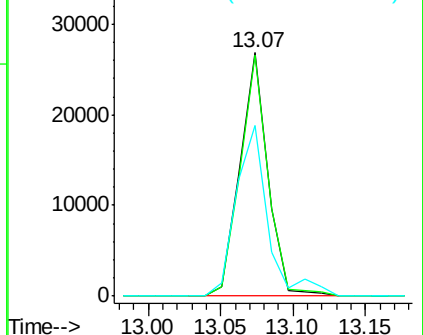


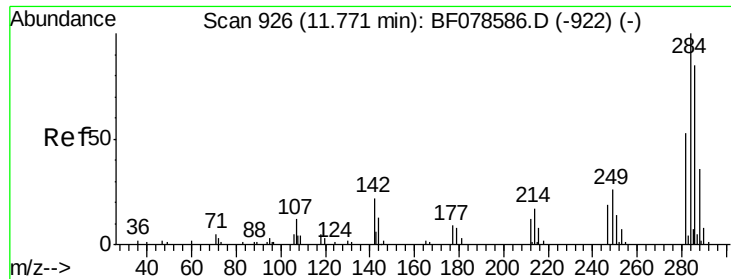
#66
 4-Bromophenyl-phenylether
 Concen: 34.97 ng
 RT: 13.07 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:248 Resp: 35788
 Ion Ratio Lower Upper
 248 100
 250 98.7 78.2 117.2
 141 70.0 66.4 99.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.69 ng

RT: 13.11 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

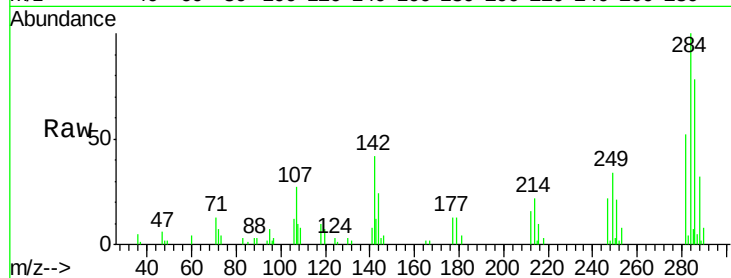
Tot Ion:284 Resp: 36663

Ion Ratio Lower Upper

284 100

142 42.3 24.5 36.7#

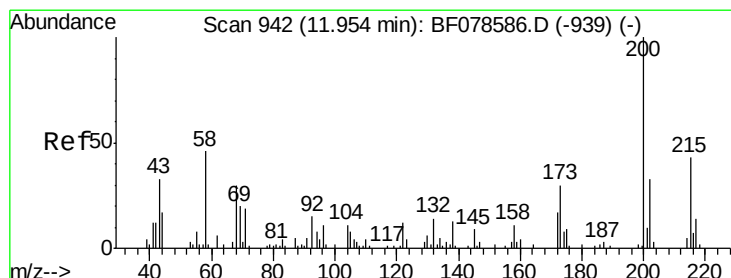
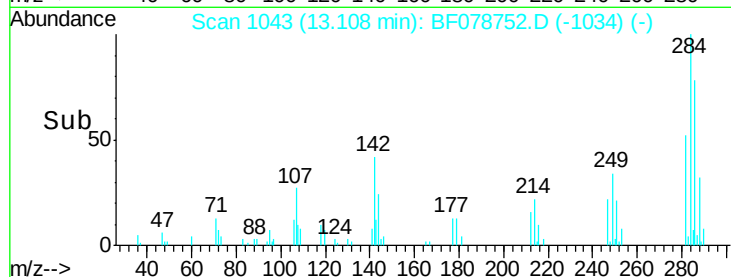
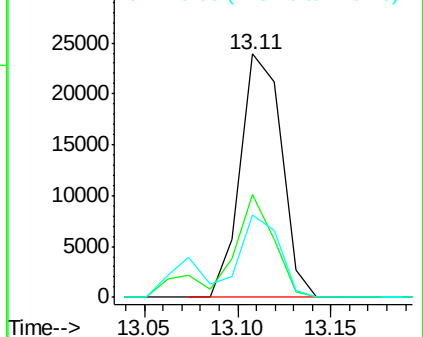
249 33.9 24.8 37.2



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: 42.60 ng

RT: 13.49 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

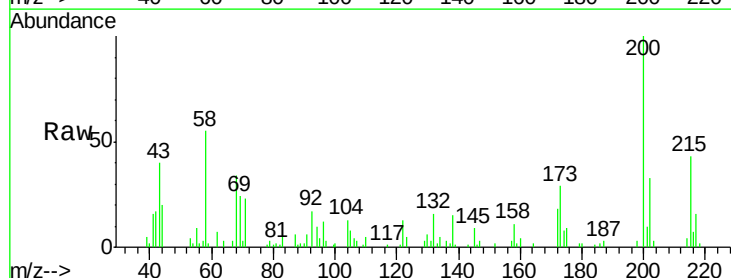
Tgt Ion:200 Resp: 41253

Ion Ratio Lower Upper

200 100

173 28.6 6.9 46.9

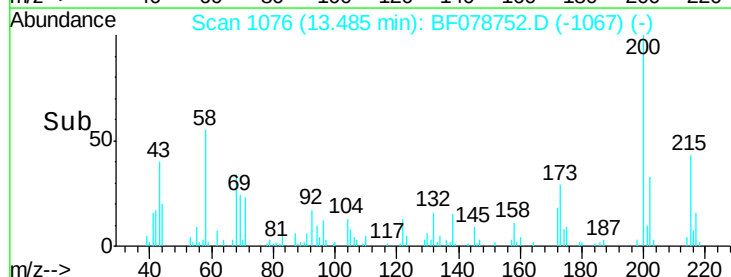
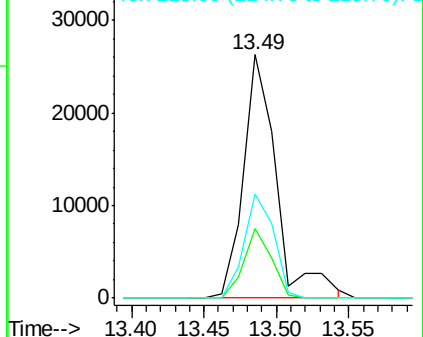
215 42.7 27.1 67.1

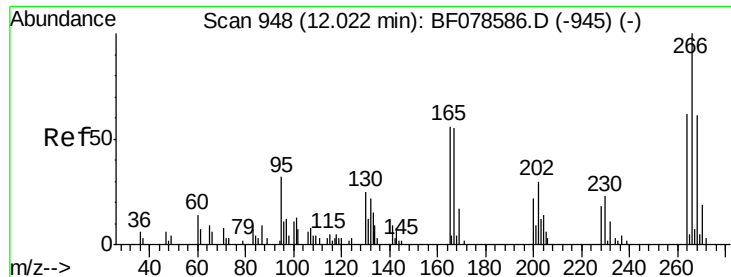


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

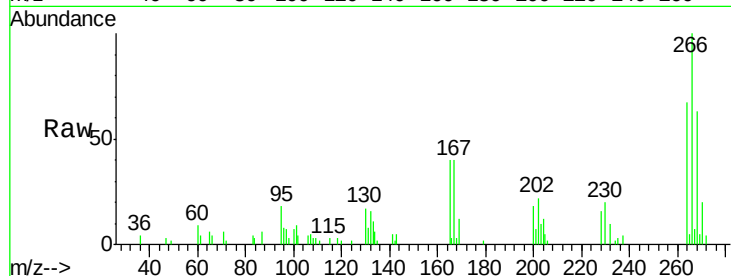




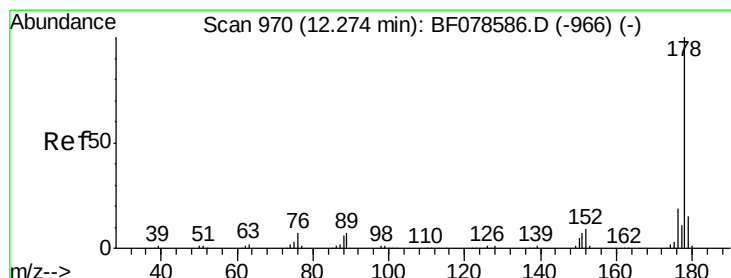
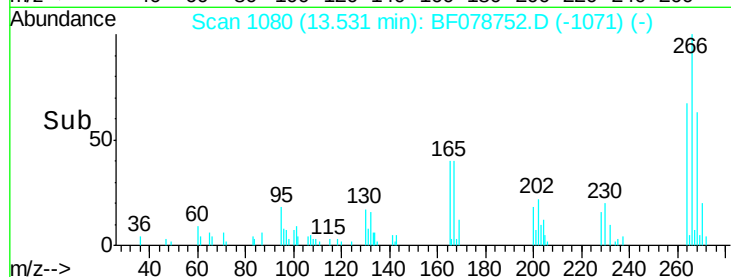
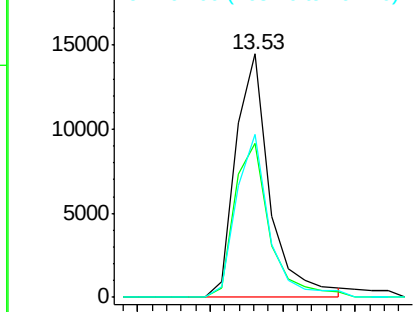
#69
 Pentachlorophenol
 Concen: 50.86 ng
 RT: 13.53 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

Tot Ion:266 Resp: 23738
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.1 75.1
 264 66.8 50.0 75.0

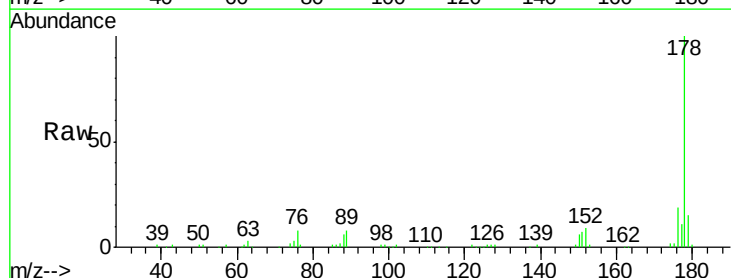


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

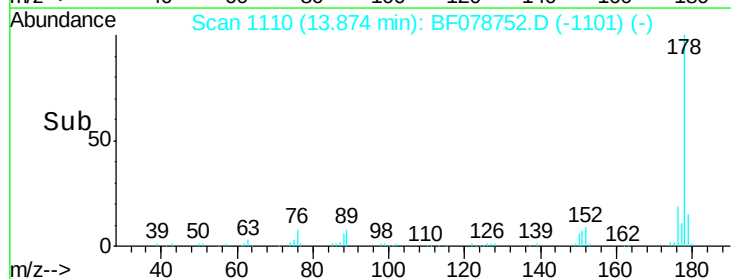
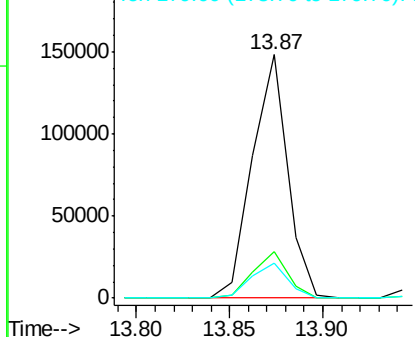


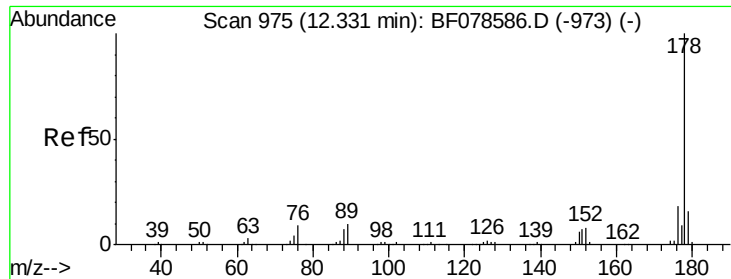
#70
 Phenanthrene
 Concen: 34.76 ng
 RT: 13.87 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:178 Resp: 194318
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 14.5 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

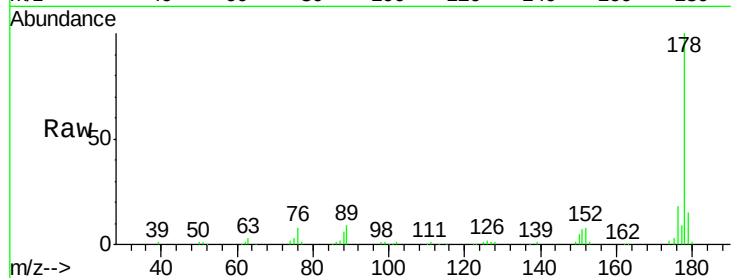




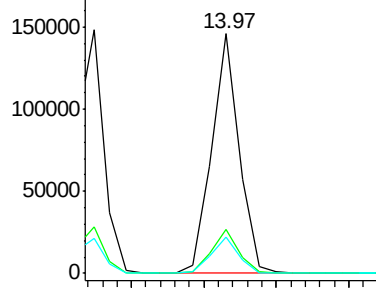
#71
 Anthracene
 Concen: 34.71 ng
 RT: 13.97 min Scan# 1118
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

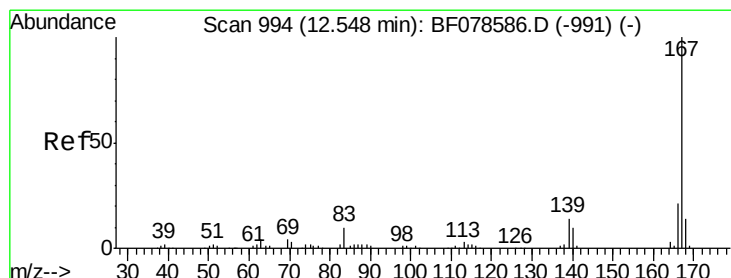
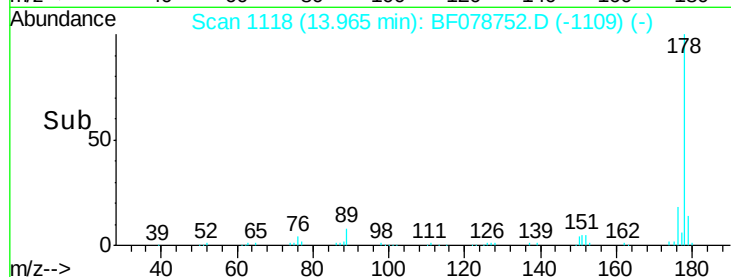
Tot Ion:178 Resp: 191213
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.8 22.2
 179 15.3 12.4 18.6



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

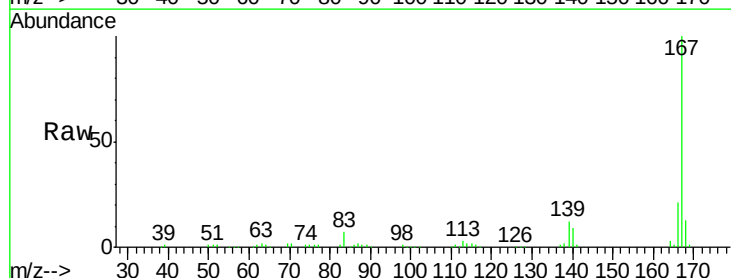


Time-->

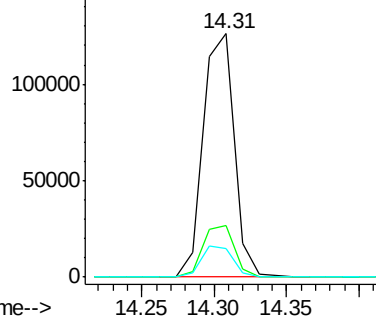


#72
 Carbazole
 Concen: 36.31 ng
 RT: 14.31 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

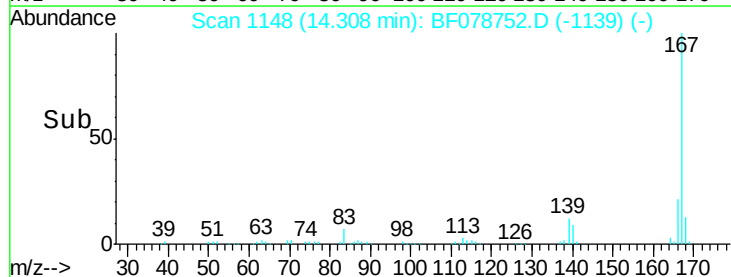
Tgt Ion:167 Resp: 187474
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.8 25.2
 139 11.7 10.0 15.0

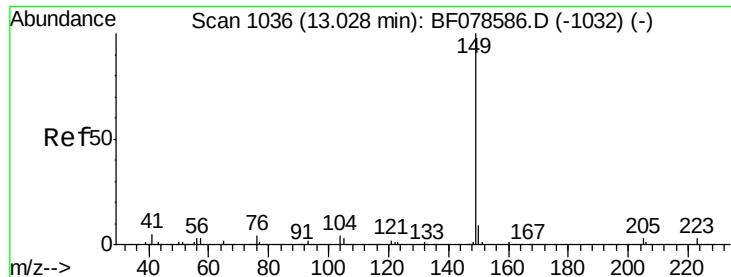


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 37.41 ng

RT: 14.99 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

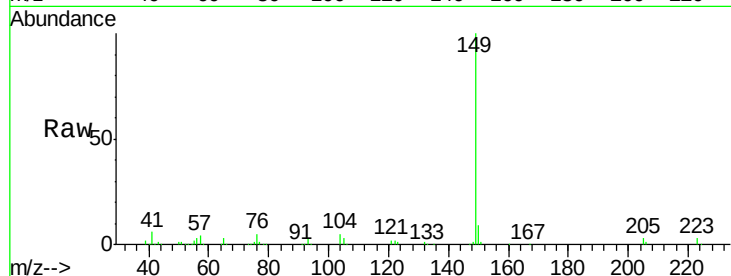
Tot Ion:149 Resp: 218795

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

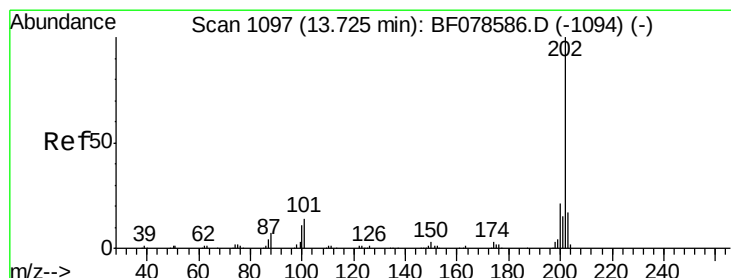
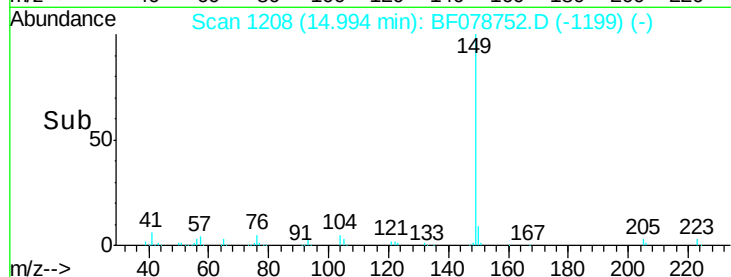
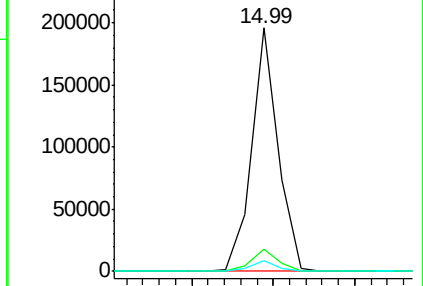
104 4.6 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.82 ng

RT: 15.77 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

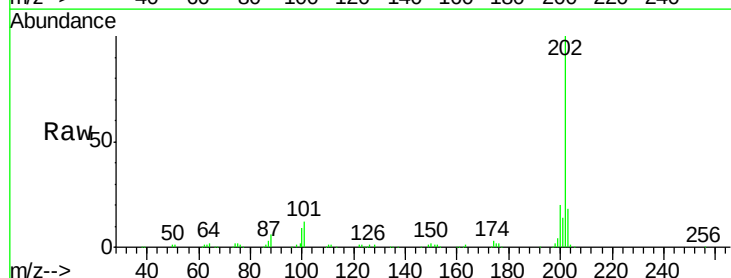
Tgt Ion:202 Resp: 211178

Ion Ratio Lower Upper

202 100

101 11.9 0.0 35.2

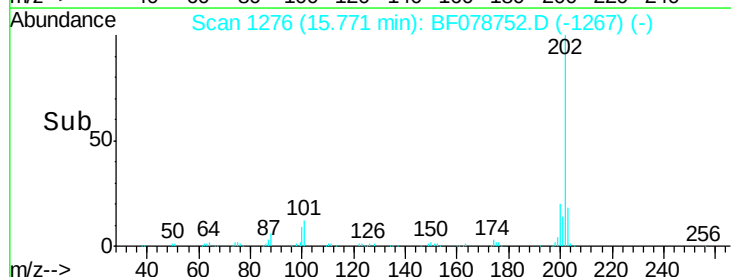
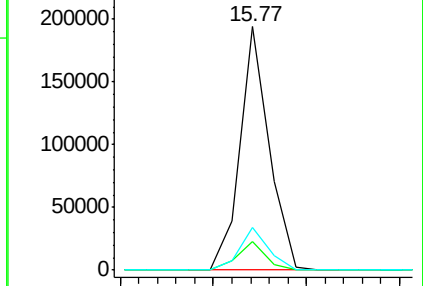
203 17.5 0.0 38.5

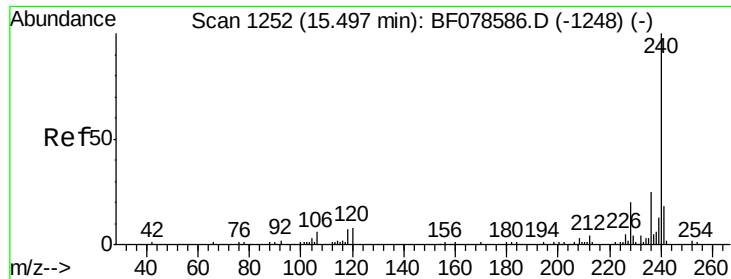


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

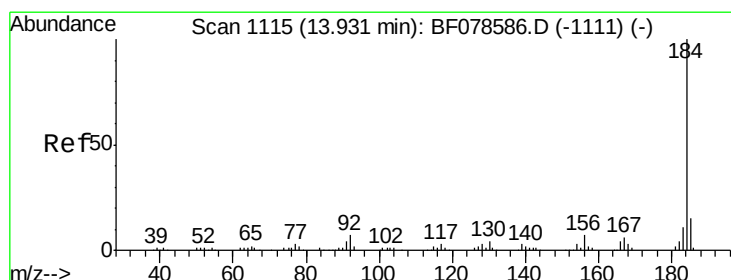
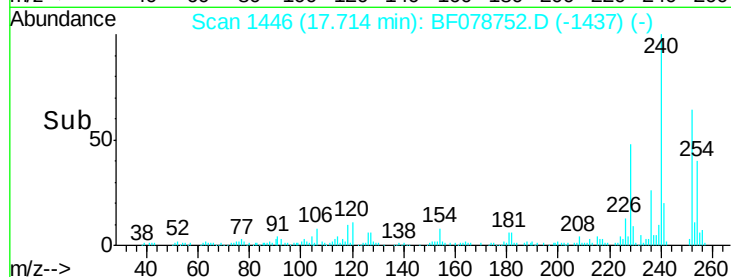
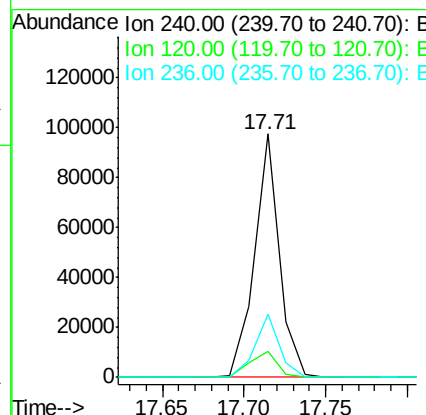
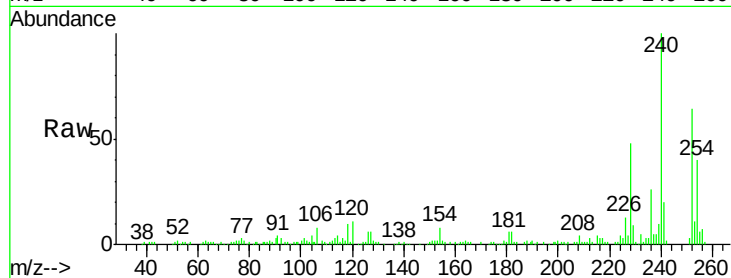




#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

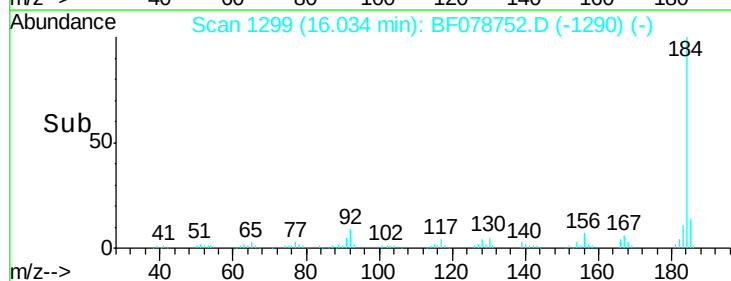
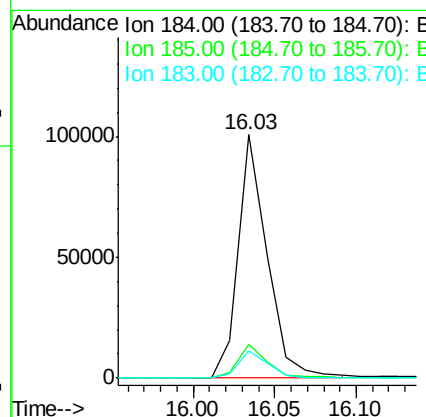
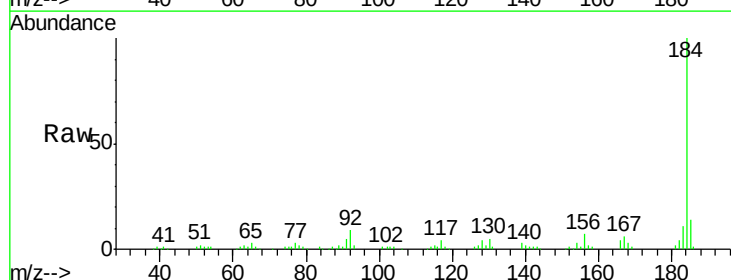
Instrument :
BNA_F
ClientSampleId :
SB-77DMS

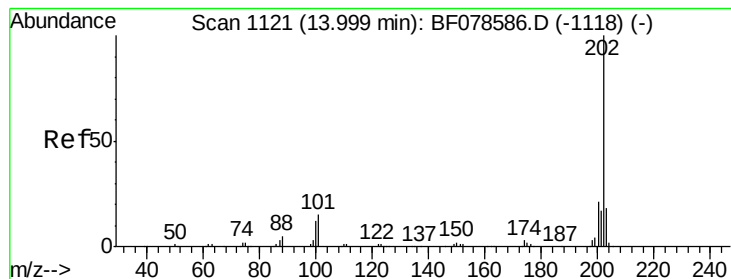
Tot Ion:240 Resp: 103127
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 25.7 21.4 32.2



#76
Benzidine
Concen: 31.19 ng
RT: 16.03 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion:184 Resp: 123852
Ion Ratio Lower Upper
184 100
185 14.0 12.2 18.2
183 11.1 9.5 14.3





#77

Pvrene

Concen: 33.42 ng

RT: 16.08 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

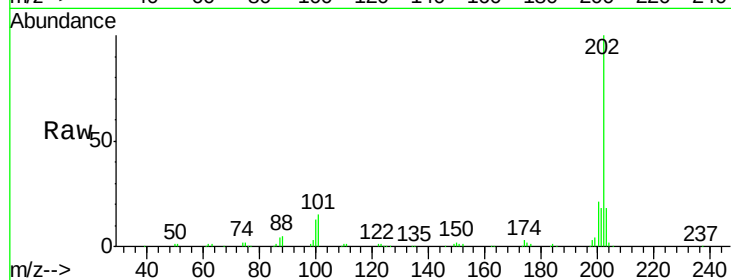
Tot Ion:202 Resp: 216328

Ion Ratio Lower Upper

202 100

200 21.4 16.3 24.5

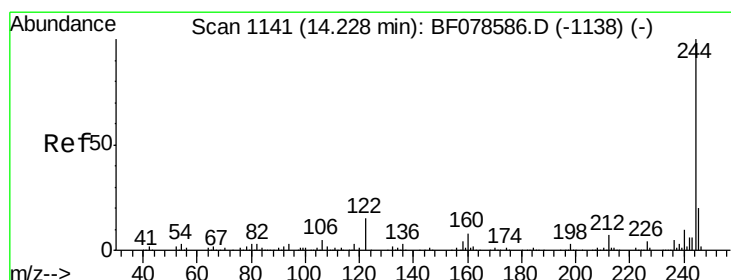
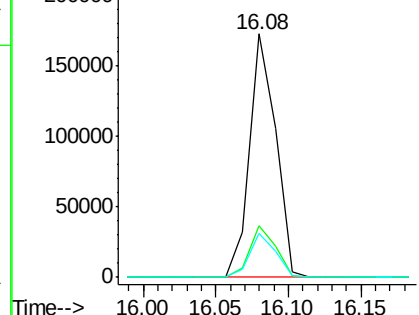
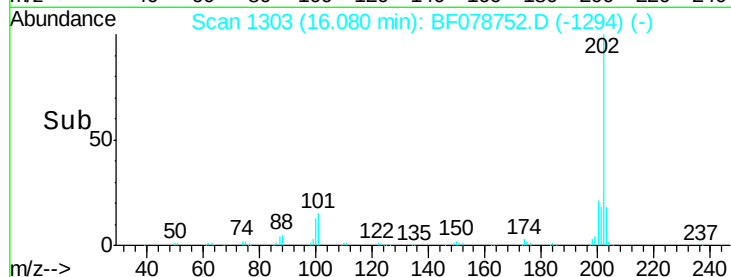
203 17.8 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.11 ng

RT: 16.38 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

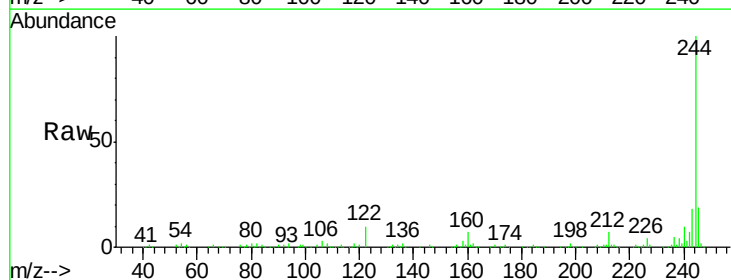
Tgt Ion:244 Resp: 274342

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

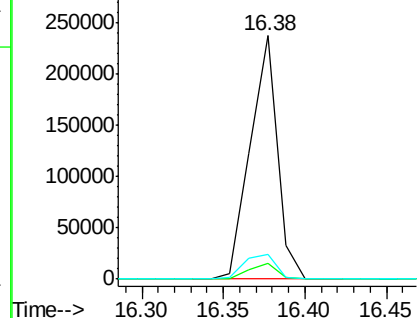
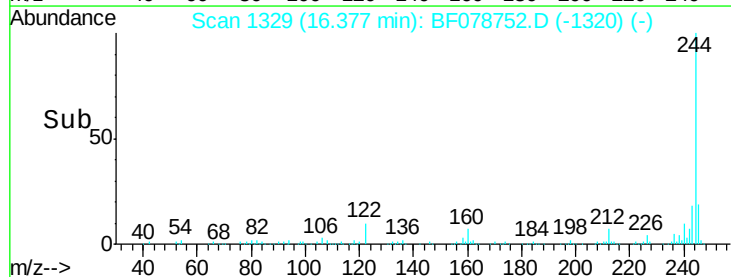
122 10.0 7.1 10.7

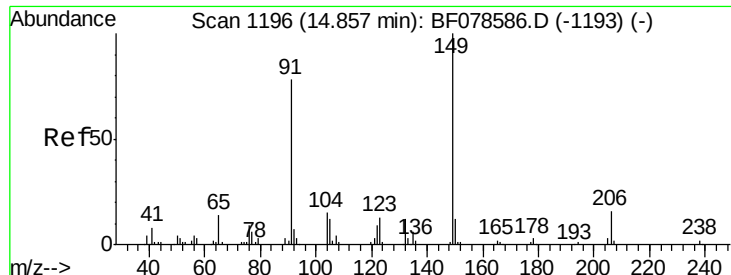


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

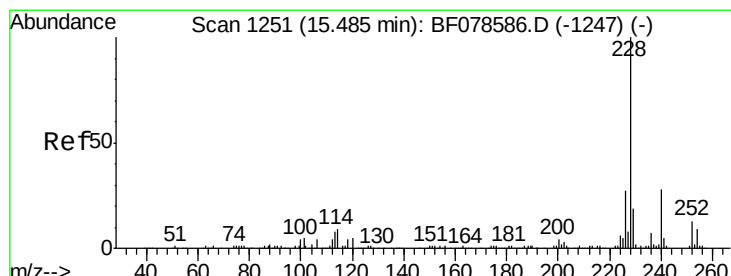
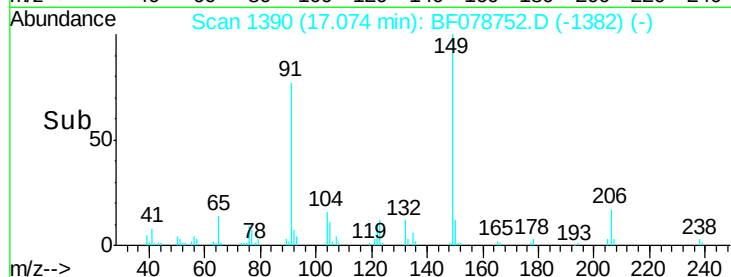
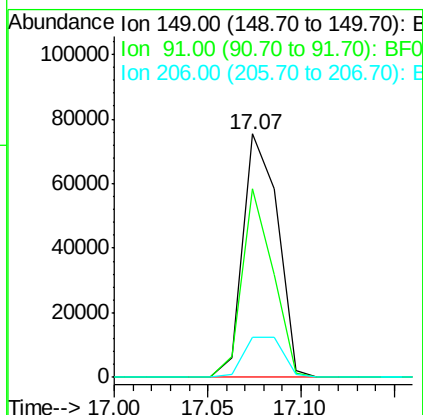
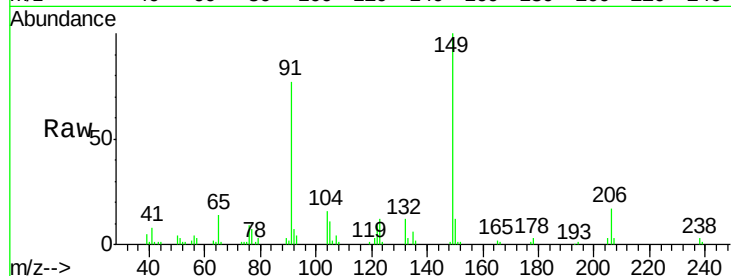




#79
Butylbenzylphthalate
Concen: 39.59 ng
RT: 17.07 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

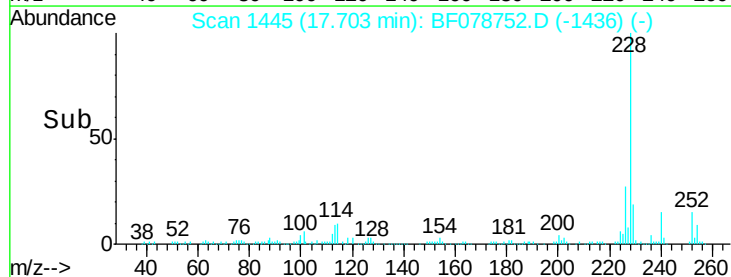
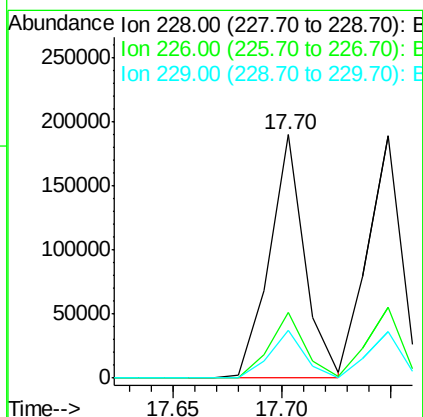
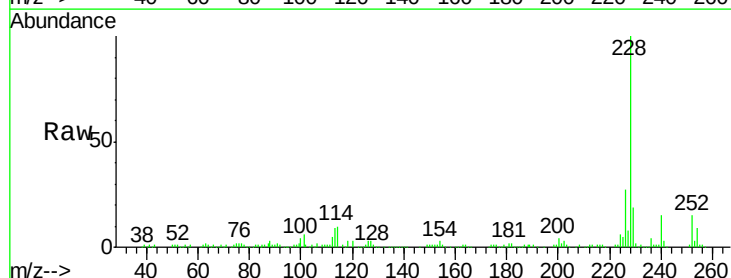
Instrument :
BNA_F
ClientSampleId :
SB-77DMS

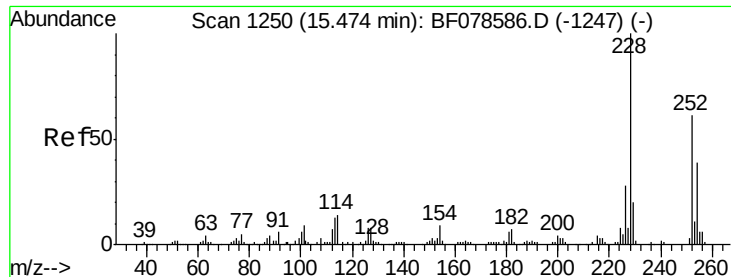
Tot Ion:149 Resp: 97680
Ion Ratio Lower Upper
149 100
91 77.4 64.2 96.2
206 16.5 12.6 18.8



#80
Benzo(a)anthracene
Concen: 34.90 ng
RT: 17.70 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion:228 Resp: 214136
Ion Ratio Lower Upper
228 100
226 27.1 21.3 31.9
229 19.5 15.4 23.2

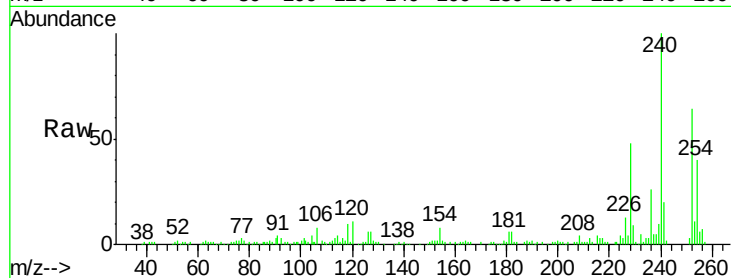




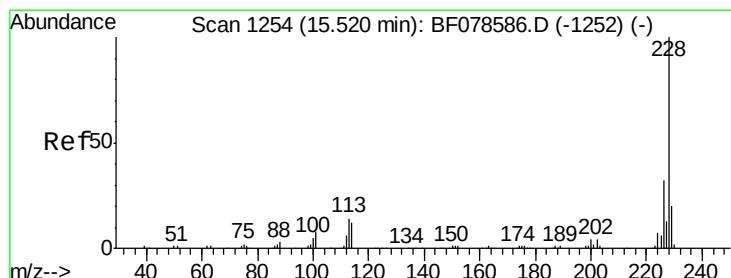
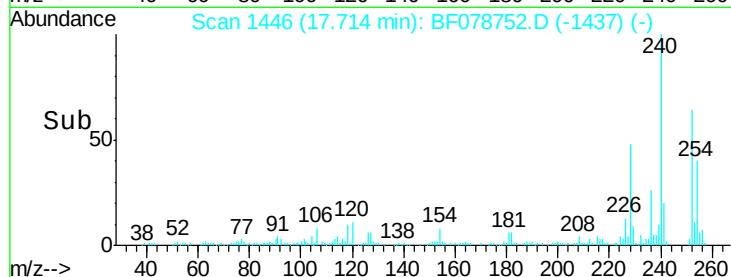
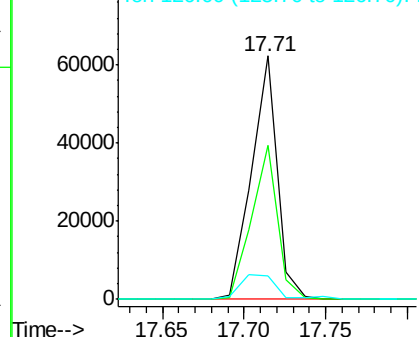
#81
 3,3'-Dichlorobenzidine
 Concen: 33.08 ng
 RT: 17.71 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

Tot Ion:252 Resp: 67970
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.2 76.8
 126 9.7 6.3 9.5#

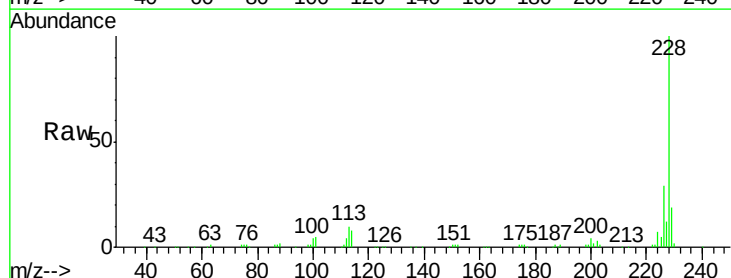


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

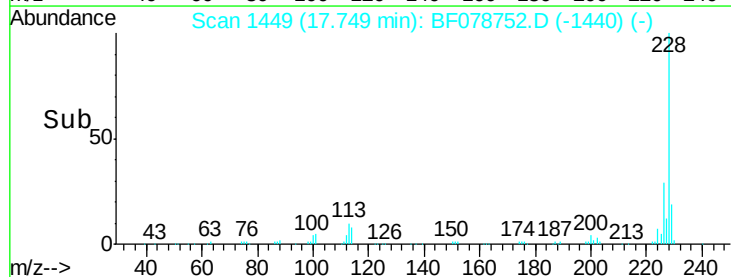
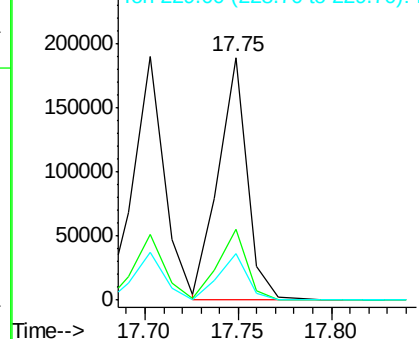


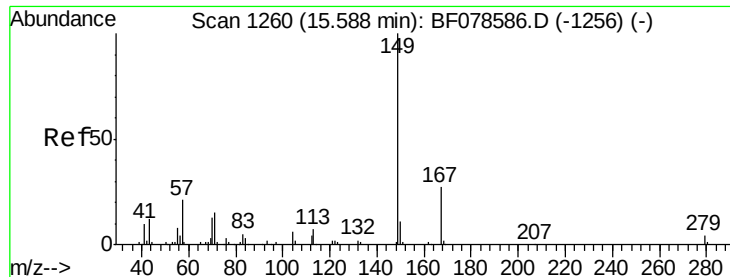
#82
 Chrysene
 Concen: 35.32 ng
 RT: 17.75 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:228 Resp: 203615
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.2 36.4
 229 19.4 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: 38.48 ng

RT: 17.85 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

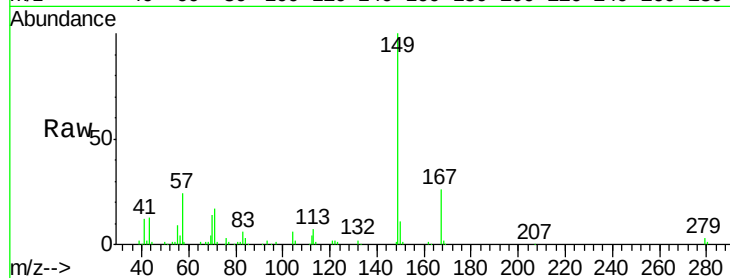
Tot Ion:149 Resp: 148904

Ion Ratio Lower Upper

149 100

167 26.1 22.2 33.2

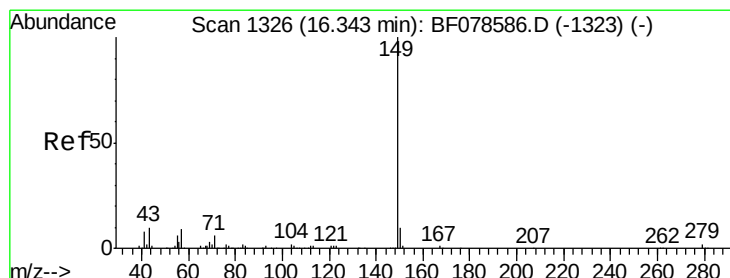
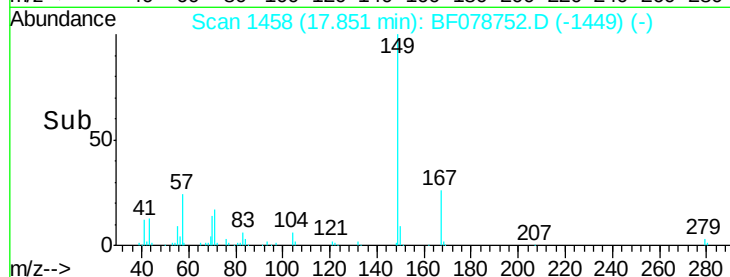
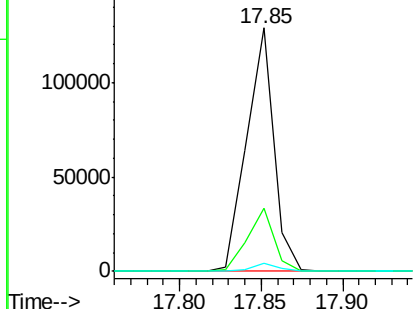
279 3.1 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.63 ng

RT: 18.65 min Scan# 1528

Delta R.T. -0.02 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

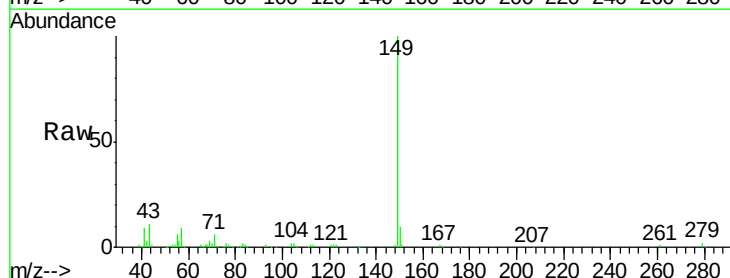
Tgt Ion:149 Resp: 258198

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

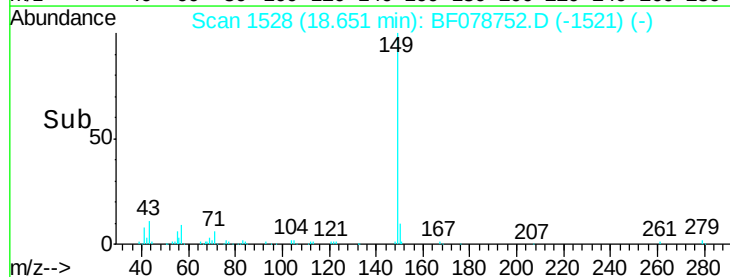
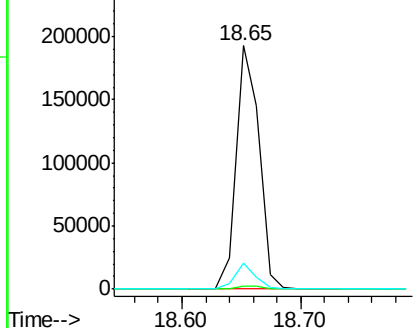
43 9.3 0.0 0.0#

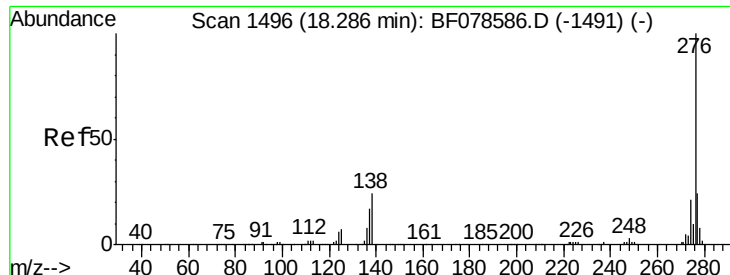


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

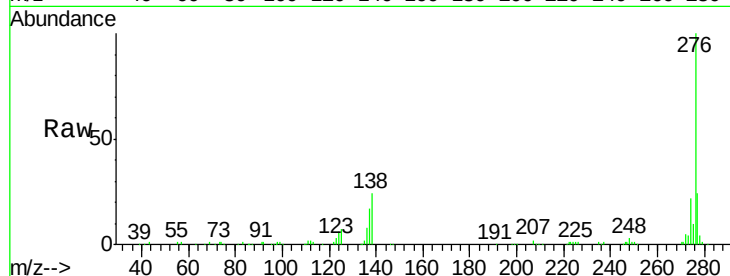




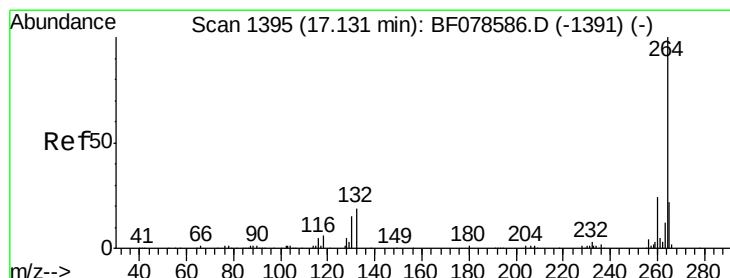
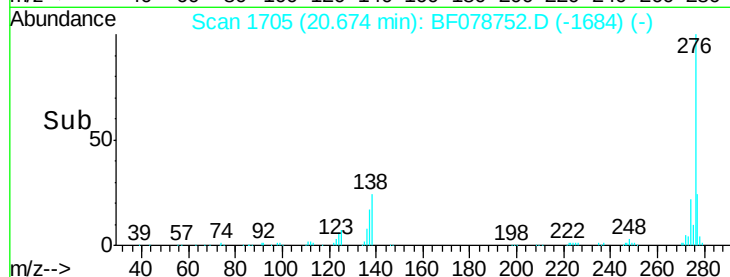
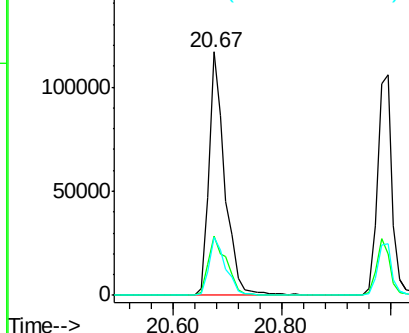
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.57 ng
 RT: 20.67 min Scan# 1705
 Delta R.T. -0.06 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

Tot Ion:276 Resp: 239223
 Ion Ratio Lower Upper
 276 100
 138 28.4 16.9 25.3#
 277 24.8 15.8 23.6#

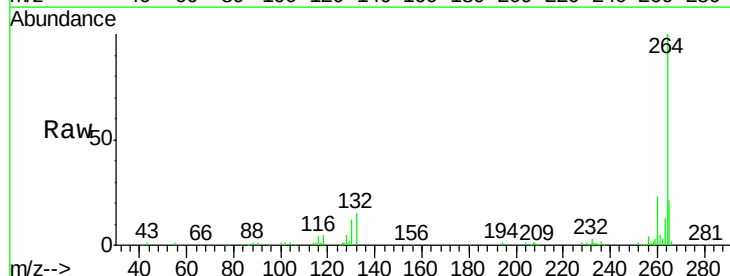


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

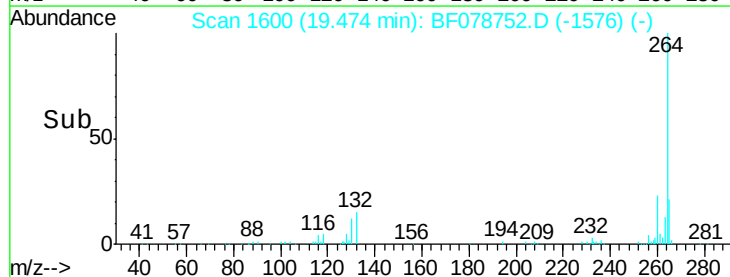
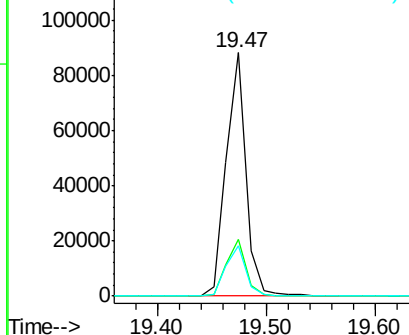


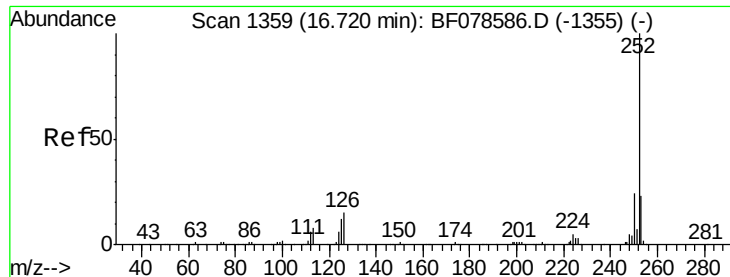
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.47 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Tgt Ion:264 Resp: 110164
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 20.9 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

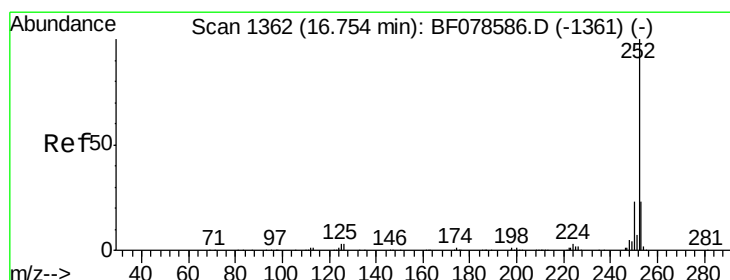
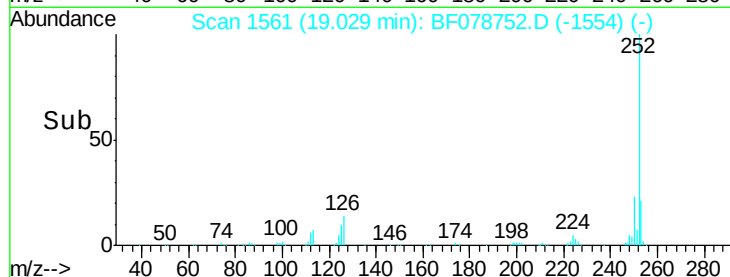
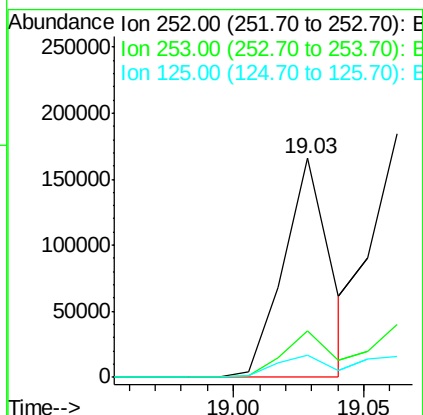
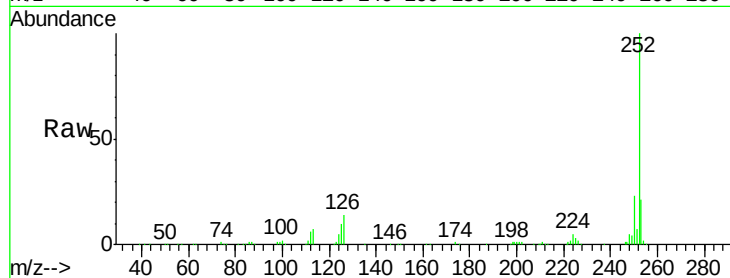




#87
Benzo(b)fluoranthene
Concen: 30.17 ng
RT: 19.03 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

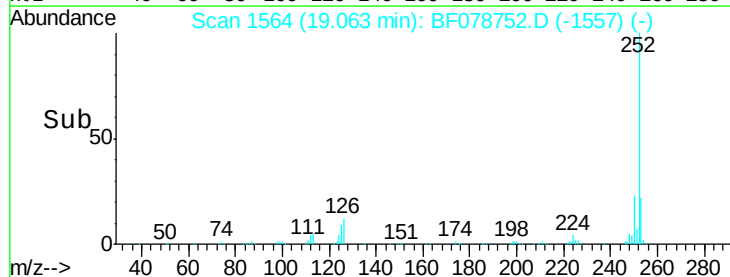
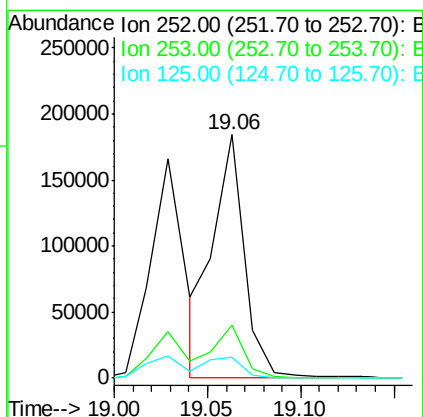
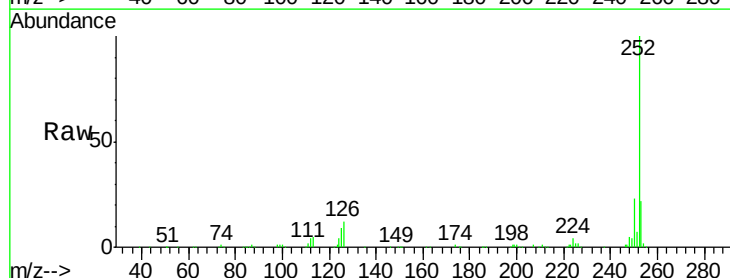
Instrument :
BNA_F
ClientSampleId :
SB-77DMS

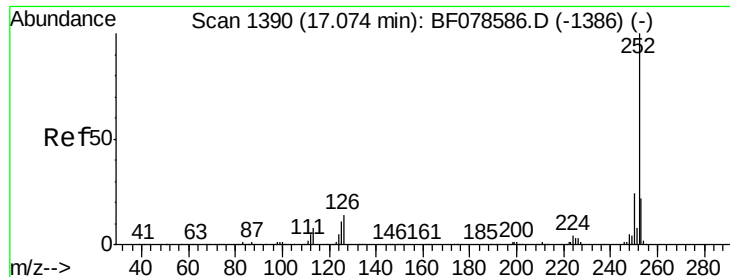
Tot Ion:252 Resp: 205414
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.3 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 36.25 ng m
RT: 19.06 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF078752.D
Acq: 23 Apr 2015 16:59

Tgt Ion:252 Resp: 219344
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.8 11.6 17.4#





#89

Benzo(a)pyrene

Concen: 35.21 ng

RT: 19.41 min Scan# 1594

Delta R.T. -0.02 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SB-77DMS

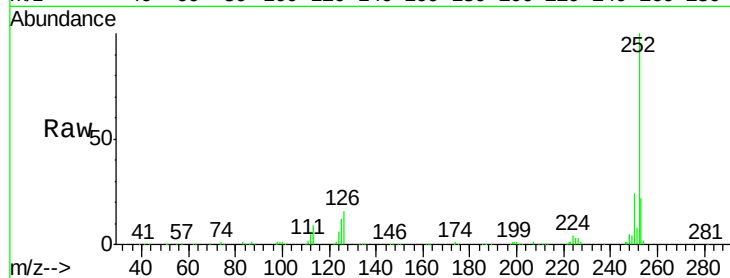
Tot Ion:252 Resp: 209198

Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

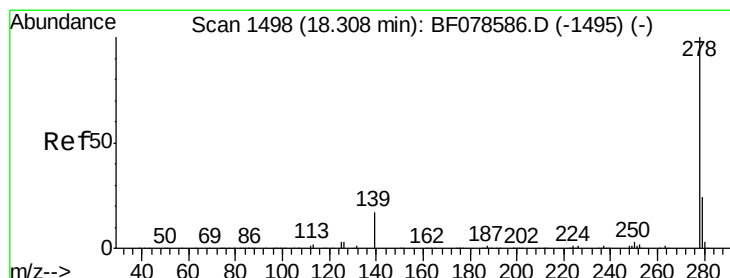
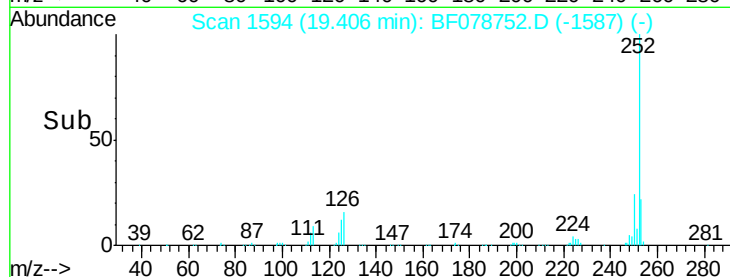
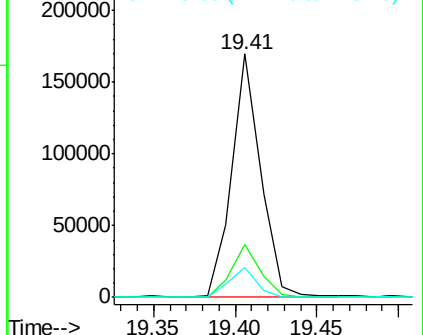
125 12.4 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.86 ng

RT: 20.70 min Scan# 1707

Delta R.T. -0.06 min

Lab File: BF078752.D

Acq: 23 Apr 2015 16:59

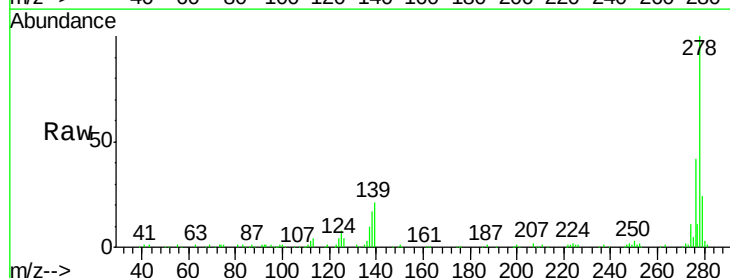
Tgt Ion:278 Resp: 195462

Ion Ratio Lower Upper

278 100

139 20.7 13.6 20.4#

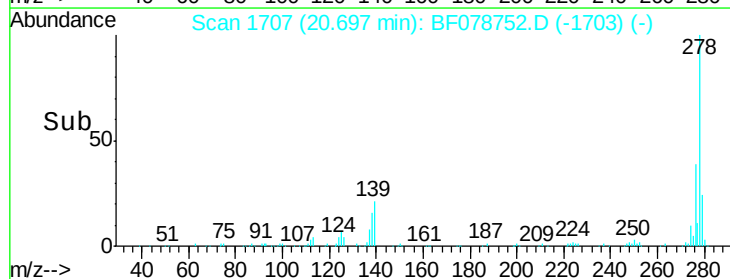
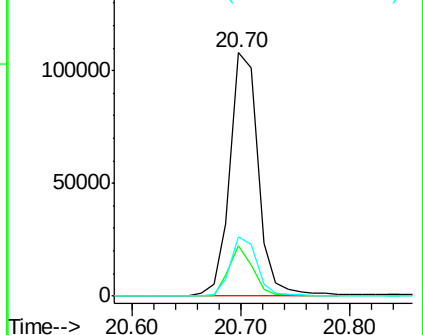
279 24.1 19.0 28.6

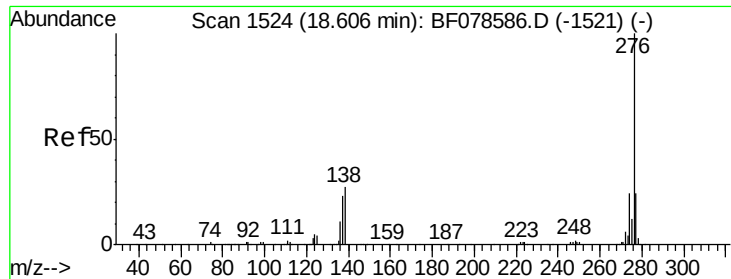


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

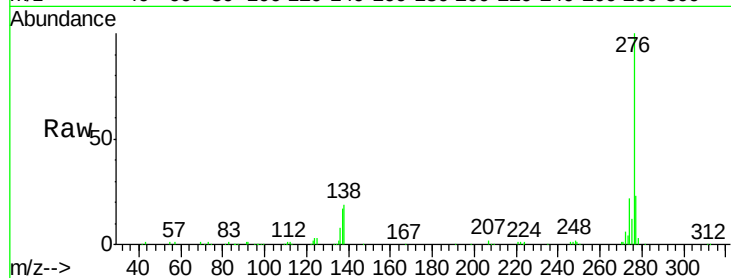




#91
 Benzo(a,h,i)perylene
 Concen: 33.67 ng
 RT: 20.99 min Scan# 1733
 Delta R.T. -0.05 min
 Lab File: BF078752.D
 Acq: 23 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	18.9	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

