

Data Path : Z:\HPCHEM1\BNA F\Data\BF020515\
 Data File : BF077186.D
 Acq On : 5 Feb 2015 15:57
 Operator : TP/IZ
 Sample : PB81602BS
 Misc : W/DOD
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:17:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 05 23:57:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	26498	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	114469	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	61158	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	104654	20.00	ng	0.00
75) Chrysene-d12	21.07	240	108906	20.00	ng	0.00
86) Perylene-d12	22.75	264	100588	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.69	112	149610	92.83	ng	0.00
7) Phenol-d6	7.08	99	187059	92.01	ng	0.00
23) Nitrobenzene-d5	8.99	82	117411	56.83	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	42698	86.01	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	237479	59.09	ng	0.00
78) Terphenyl-d14	19.81	244	256370	54.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.12	88	16183	23.45	ng	99
3) Pyridine	1.56	79	43184	24.18	ng	99
4) n-Nitrosodimethylamine	1.52	42	26735	30.22	ng	94
6) Aniline	6.98	93	36827	13.09	ng	95
8) 2-Chlorophenol	7.21	128	53266	28.67	ng	97
9) Benzaldehyde	6.74	77	3449	2.02	ng	# 83
10) Phenol	7.12	94	57053	26.43	ng	93
11) bis(2-Chloroethyl)ether	7.23	93	49174	29.11	ng	# 73
12) 1,3-Dichlorobenzene	7.53	146	55409	26.21	ng	96
13) 1,4-Dichlorobenzene	7.72	146	56902	25.39	ng	99
14) 1,2-Dichlorobenzene	8.03	146	54447	26.36	ng	94
15) Benzyl Alcohol	8.13	79	44571	27.09	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.48	45	62338	27.45	ng	98
17) 2-Methylphenol	8.49	107	39519	26.03	ng	95
18) Hexachloroethane	8.77	117	21599	27.70	ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	36322	25.52	ng	95
20) 3+4-Methylphenols	8.88	107	42049	20.92	ng	97
22) Acetophenone	8.68	105	76061	27.13	ng	99
24) Nitrobenzene	9.04	77	53083	25.22	ng	99
25) Isophorone	9.63	82	98019	26.05	ng	97
26) 2-Nitrophenol	9.78	139	22025	21.45	ng	# 86
27) 2,4-Dimethylphenol	10.06	122	44333	27.24	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	59003	27.59	ng	96
29) 2,4-Dichlorophenol	10.38	162	33219	21.90	ng	96
30) 1,2,4-Trichlorobenzene	10.51	180	45840	27.21	ng	97
31) Naphthalene	10.64	128	154650	26.24	ng	100
32) Benzoic acid	10.45	122	5345	5.93	ng	86
33) 4-Chloroaniline	10.91	127	31857	13.38	ng	97
34) Hexachlorobutadiene	11.00	225	24532	24.54	ng	96
35) Caprolactam	11.73	113	11850	26.53	ng	# 86
36) 4-Chloro-3-methylphenol	12.20	107	41711	24.01	ng	93
37) 2-Methylnaphthalene	12.29	142	109230	27.14	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	41467	27.42	ng	97
40) Hexachlorocyclopentadiene	12.68	237	40613	51.62	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	27229	24.72	nq	96
43) 2,4,5-Trichlorophenol	13.15	196	23910	21.28	nq	# 91
45) 1,1'-Biphenyl	13.45	154	126272	27.85	nq	98
46) 2-Chloronaphthalene	13.43	162	100992	27.07	nq	99
47) 2-Nitroaniline	13.78	65	30793	27.21	nq	90
48) Acenaphthylene	14.36	152	165578	26.31	nq	99
49) Dimethylphthalate	14.33	163	123260	28.42	nq	98
50) 2,6-Dinitrotoluene	14.42	165	24967	28.81	nq	90
51) Acenaphthene	14.79	154	92398	25.88	nq	98
52) 3-Nitroaniline	14.77	138	21755	20.31	nq	95
53) 2,4-Dinitrophenol	15.07	184	10410	33.59	nq	# 84
54) Dibenzofuran	15.22	168	145239	27.92	nq	98
55) 4-Nitrophenol	15.39	139	22082	32.48	nq	94
56) 2,4-Dinitrotoluene	15.36	165	33452	26.73	nq	# 95
57) Fluorene	15.97	166	117386	26.64	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.59	232	17120	20.93	nq	# 96
59) Diethylphthalate	15.97	149	125620	28.66	nq	98
60) 4-Chlorophenyl-phenylether	16.07	204	51887	28.78	nq	97
61) 4-Nitroaniline	16.13	138	25011	23.64	nq	97
62) Azobenzene	16.36	77	127215	27.85	nq	97
64) 4,6-Dinitro-2-methylphenol	16.21	198	12767	20.98	nq	86
65) n-Nitrosodiphenylamine	16.32	169	101347	27.16	nq	97
66) 4-Bromophenyl-phenylether	16.93	248	29982	28.28	nq	97
67) Hexachlorobenzene	16.95	284	30481	27.28	nq	# 84
68) Atrazine	17.32	200	32237	28.47	nq	98
69) Pentachlorophenol	17.32	266	12863	29.84	nq	95
70) Phenanthrene	17.60	178	176142	26.99	nq	99
71) Anthracene	17.68	178	170478	26.79	nq	100
72) Carbazole	17.97	167	168820	27.35	nq	99
73) Di-n-butylphthalate	18.57	149	192201	26.90	nq	98
74) Fluoranthene	19.25	202	188387	28.17	nq	99
76) Benzidine	19.51	184	61601	17.68	nq	97
77) Pyrene	19.54	202	197994	26.53	nq	99
79) Butylbenzylphthalate	20.48	149	87710	25.95	nq	95
80) Benzo(a)anthracene	21.06	228	177096	25.92	nq	98
81) 3,3'-Dichlorobenzidine	21.08	252	42626	19.63	nq	# 97
82) Chrysene	21.11	228	170111	27.30	nq	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	117685	25.16	nq	96
84) Di-n-octyl phthalate	22.00	149	202018	24.89	nq	98
85) Indeno(1,2,3-cd)pyrene	23.91	276	176713	26.76	nq	# 84
87) Benzo(b)fluoranthene	22.33	252	205817	30.38	nq	98
88) Benzo(k)fluoranthene	22.33	252	205817	34.77	nq	98
89) Benzo(a)pyrene	22.69	252	165804	27.75	nq	97
90) Dibenzo(a,h)anthracene	23.93	278	144129	26.29	nq	98
91) Benzo(g,h,i)perylene	24.17	276	146080	26.80	nq	# 94

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

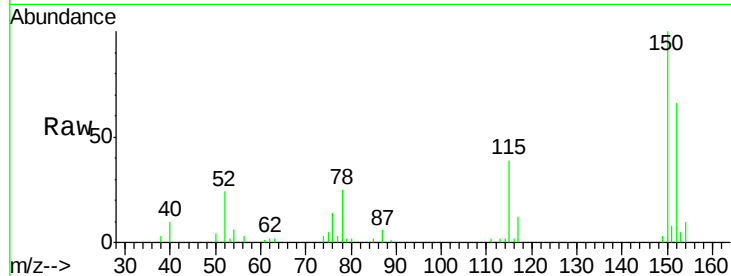


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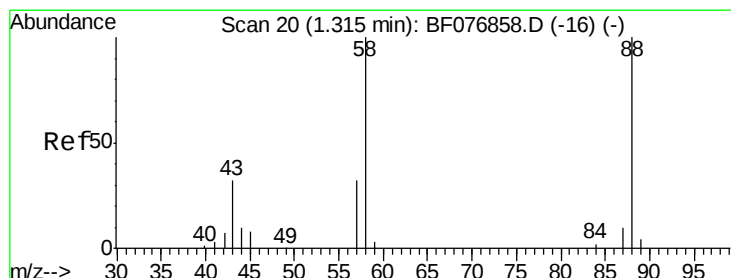
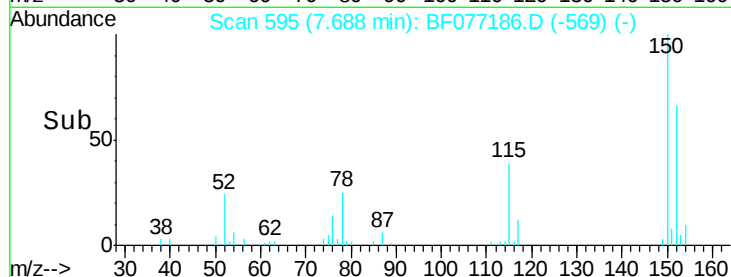
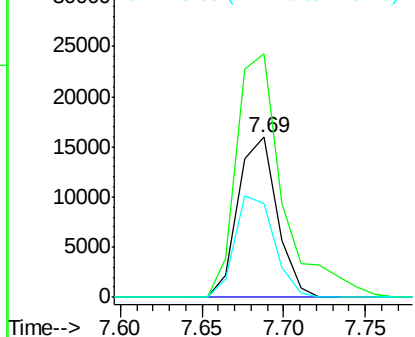
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 26498
Ion Ratio Lower Upper
152 100
150 151.8 121.7 182.5
115 58.9 47.0 70.6



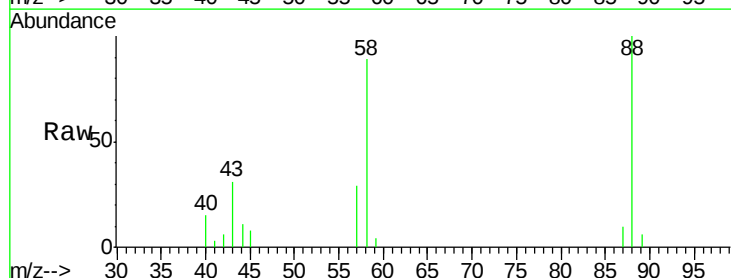
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



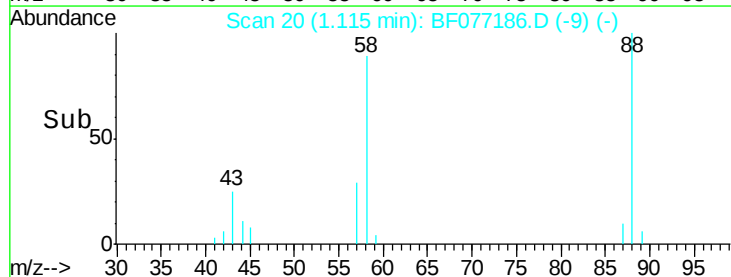
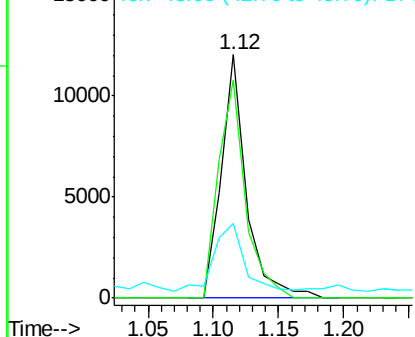
#2

1,4-Dioxane
Concen: 23.45 ng
RT: 1.12 min Scan# 20
Delta R.T. 0.02 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion: 88 Resp: 16183
Ion Ratio Lower Upper
88 100
58 95.7 77.0 115.4
43 34.0 25.6 38.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.18 ng

RT: 1.56 min Scan# 59

Delta R.T. 0.02 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Instrument :

BNA_F

ClientSampleId :

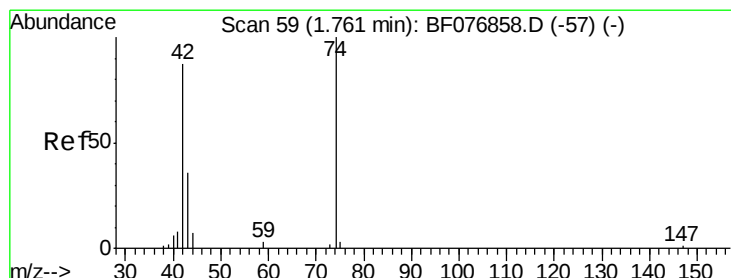
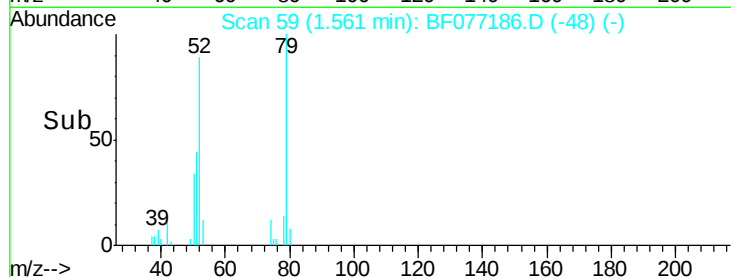
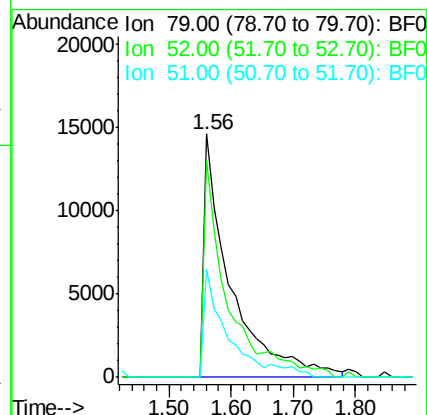
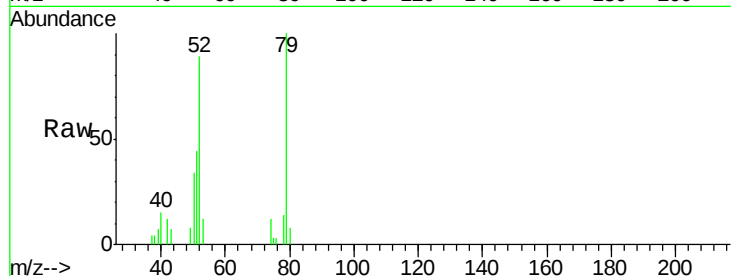
Tot Ion: 79 Resp: 43184

Ion Ratio Lower Upper

79 100

52 89.1 70.1 105.1

51 44.2 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 30.22 ng

RT: 1.52 min Scan# 55

Delta R.T. 0.01 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

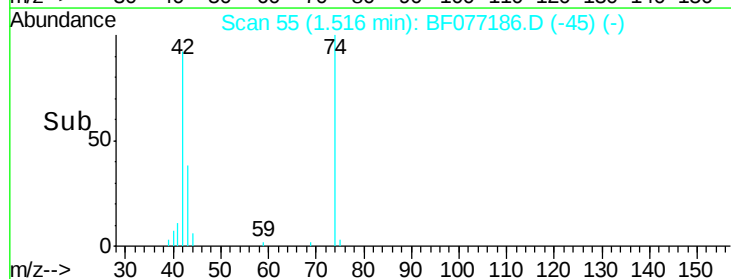
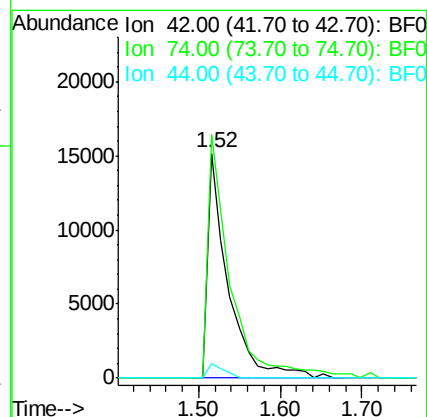
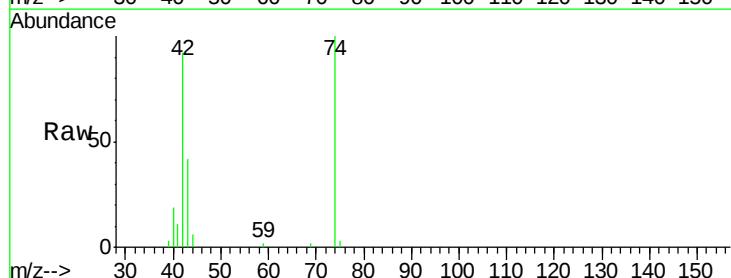
Tgt Ion: 42 Resp: 26735

Ion Ratio Lower Upper

42 100

74 108.3 92.4 138.6

44 6.5 6.2 9.2





#5

2-Fluorophenol

Concen: 92.83 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Instrument :

BNA_F

ClientSampleId :

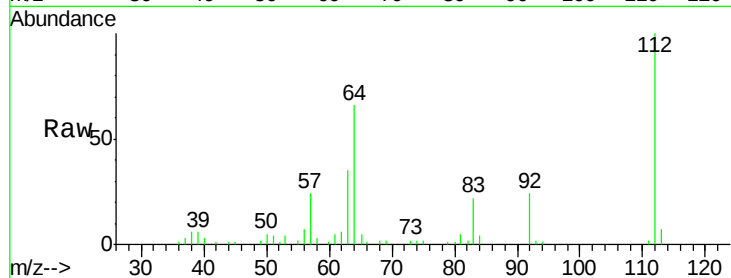
Tot Ion: 112 Resp: 149610

Ion Ratio Lower Upper

112 100

64 65.8 54.2 81.4

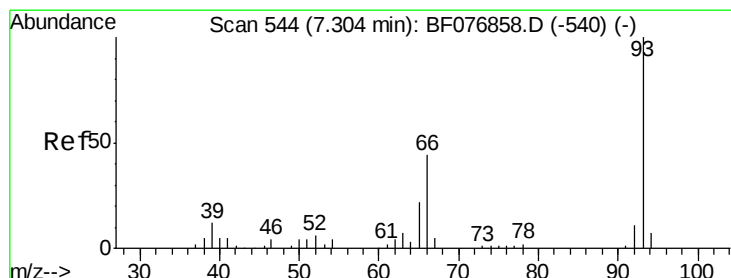
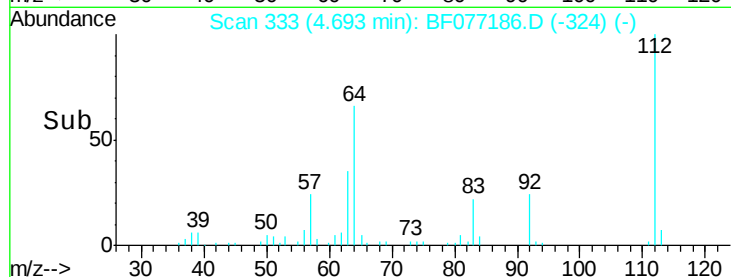
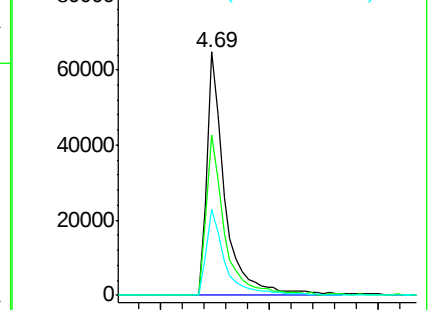
63 35.4 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.09 ng

RT: 6.98 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

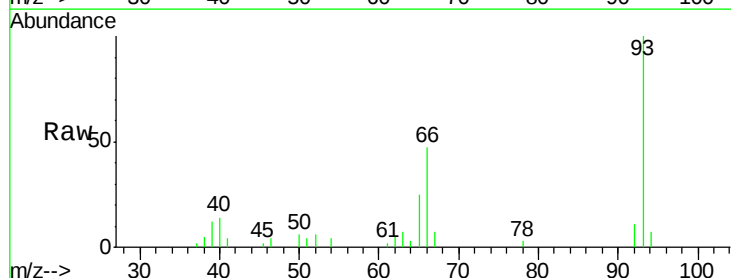
Tgt Ion: 93 Resp: 36827

Ion Ratio Lower Upper

93 100

66 46.6 35.0 52.4

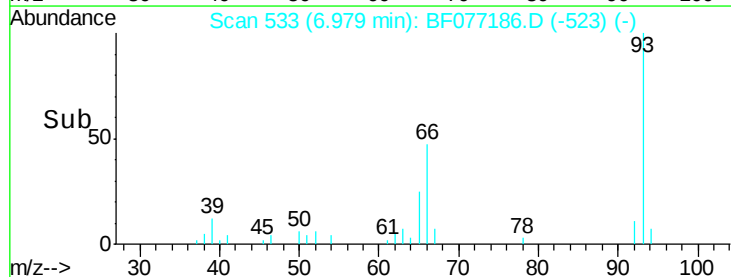
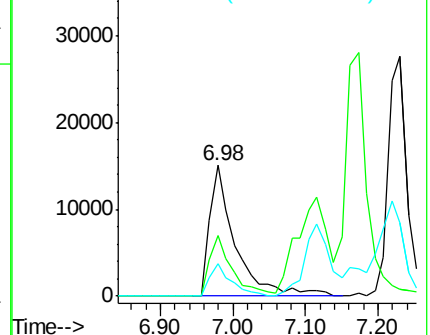
65 24.8 17.7 26.5

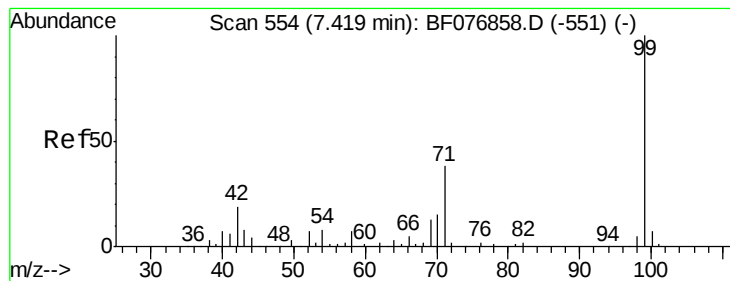


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 92.01 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Instrument :

BNA_F

ClientSampleId :

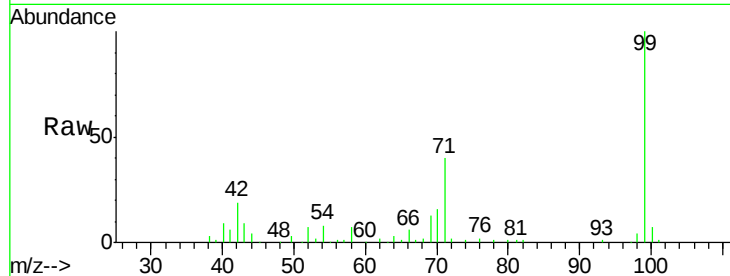
Tot Ion: 99 Resp: 187059

Ion Ratio Lower Upper

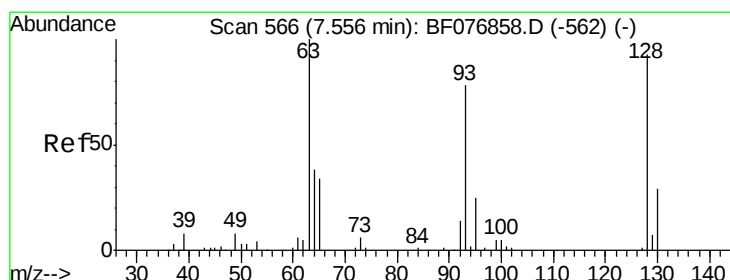
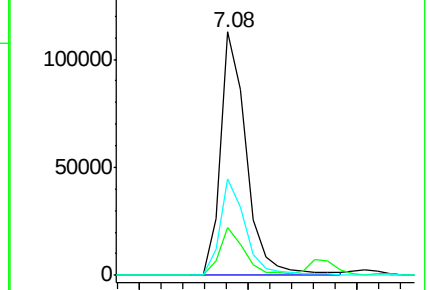
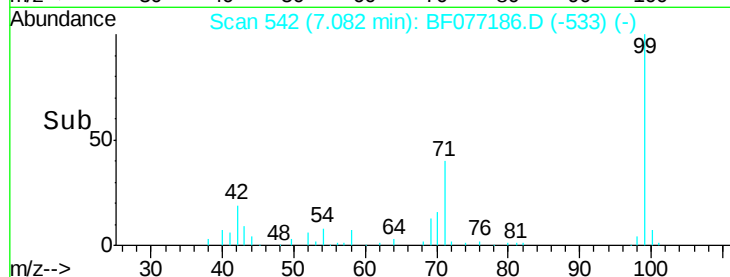
99 100

42 19.4 15.0 22.4

71 39.5 30.5 45.7



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: 28.67 ng

RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

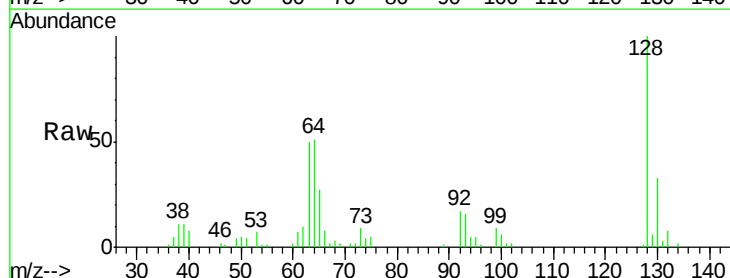
Tgt Ion: 128 Resp: 53266

Ion Ratio Lower Upper

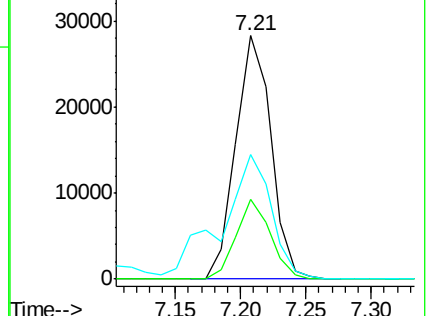
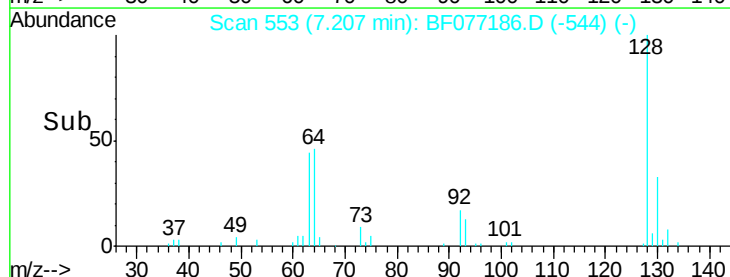
128 100

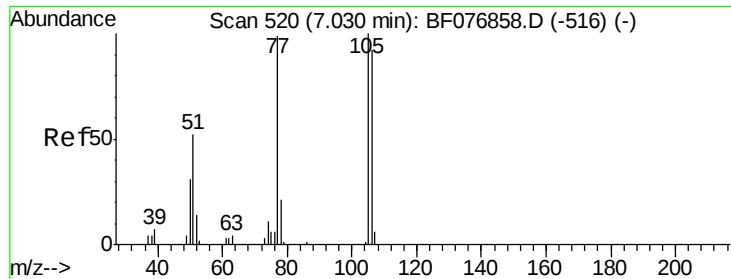
130 32.6 11.0 51.0

64 51.2 29.3 69.3



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

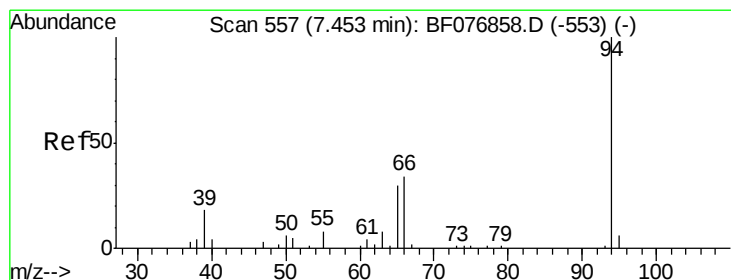
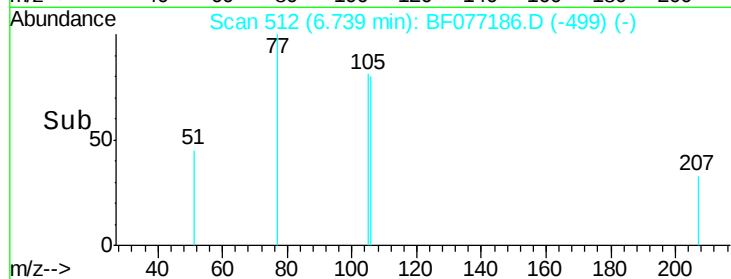
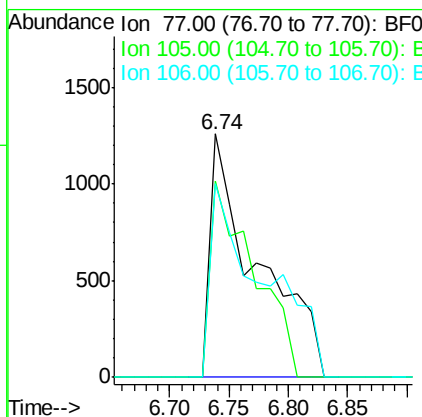
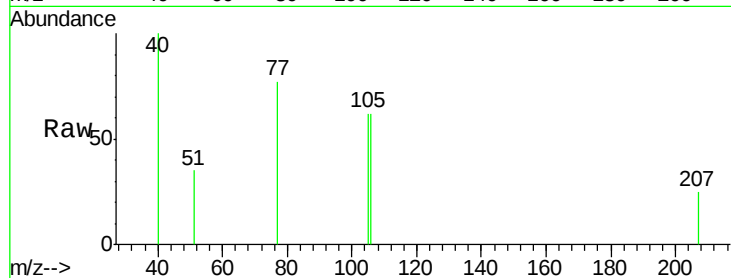




#9
Benzaldehydve
Concen: 2.02 ng
RT: 6.74 min Scan# 512
Delta R.T. 0.05 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

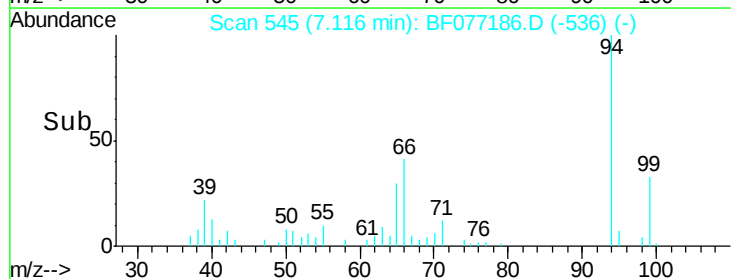
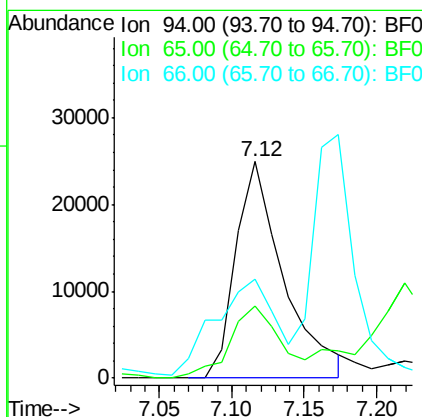
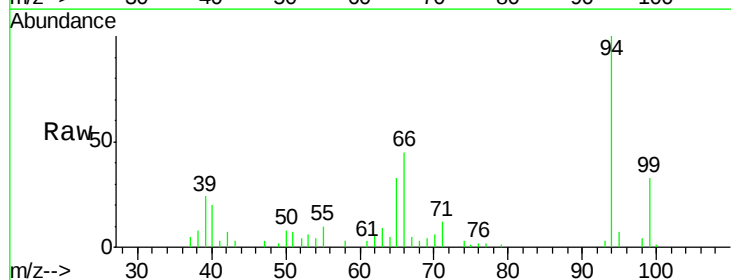
Instrument :
BNA_F
ClientSampleId :

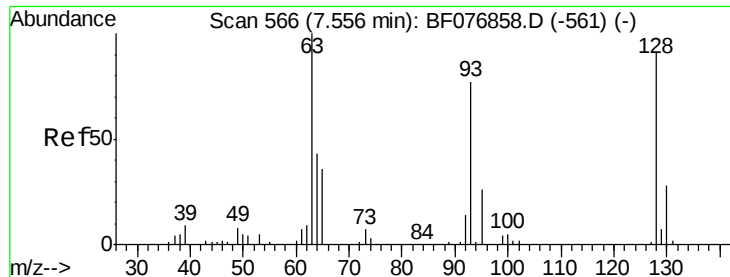
Tot Ion: 77 Resp: 3449
Ion Ratio Lower Upper
77 100
105 80.6 81.4 121.4#
106 79.7 72.8 112.8



#10
Phenol
Concen: 26.43 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion: 94 Resp: 57053
Ion Ratio Lower Upper
94 100
65 33.3 11.3 51.3
66 45.5 19.5 59.5

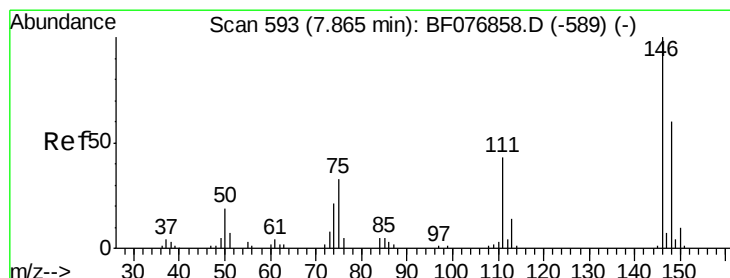
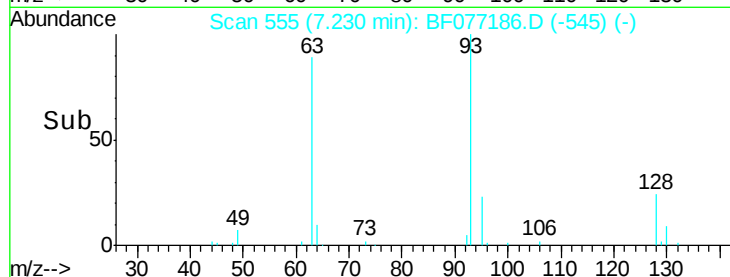
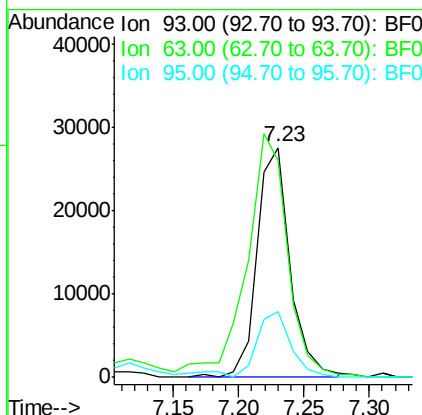
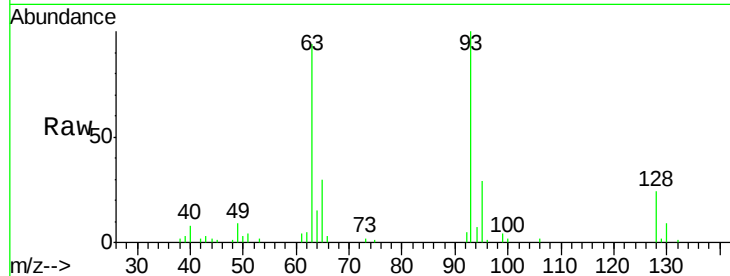




#11
bis(2-Chloroethyl)ether
Concen: 29.11 ng
RT: 7.23 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

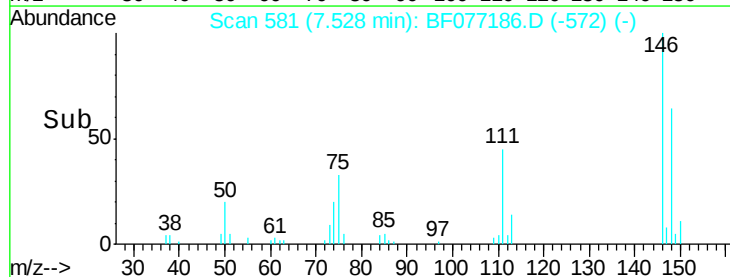
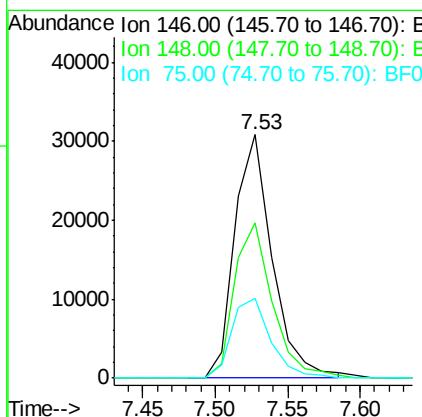
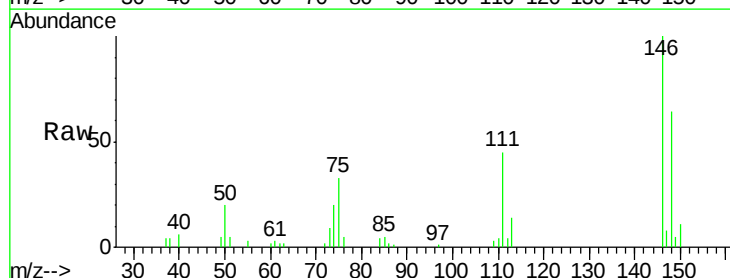
Instrument :
BNA_F
ClientSampleId :

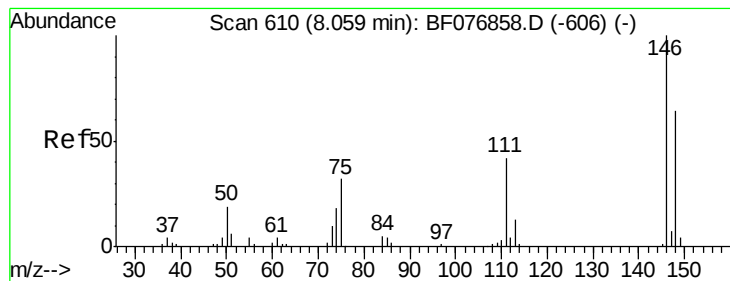
Tot Ion: 93 Resp: 49174
Ion Ratio Lower Upper
93 100
63 94.4 111.3 151.3#
95 28.7 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 26.21 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion: 146 Resp: 55409
Ion Ratio Lower Upper
146 100
148 63.8 48.1 72.1
75 32.8 26.8 40.2





#13

1,4-Dichlorobenzene

Concen: 25.39 ng

RT: 7.72 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Instrument :

BNA_F

ClientSampleId :

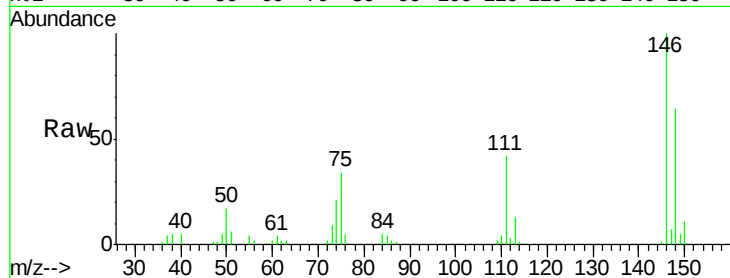
Tot Ion:146 Resp: 56902

Ion Ratio Lower Upper

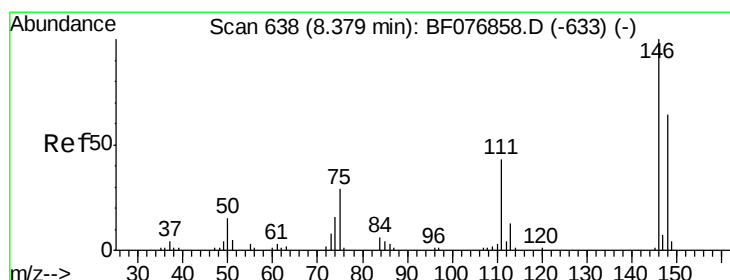
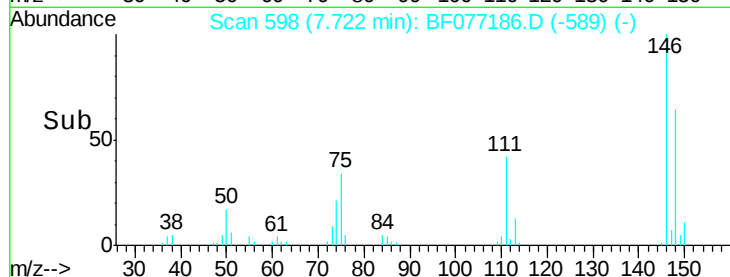
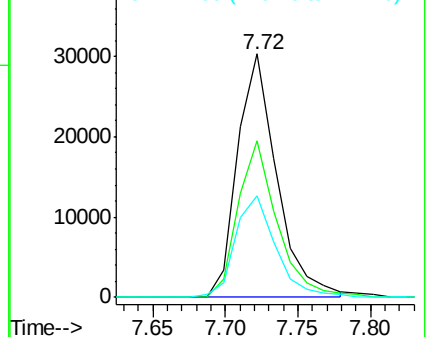
146 100

148 64.3 51.5 77.3

111 41.6 33.9 50.9



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: 26.36 ng

RT: 8.03 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

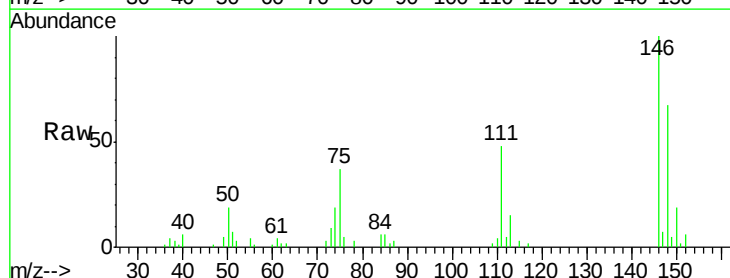
Tgt Ion:146 Resp: 54447

Ion Ratio Lower Upper

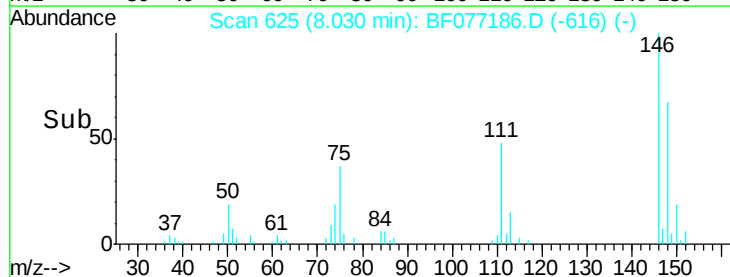
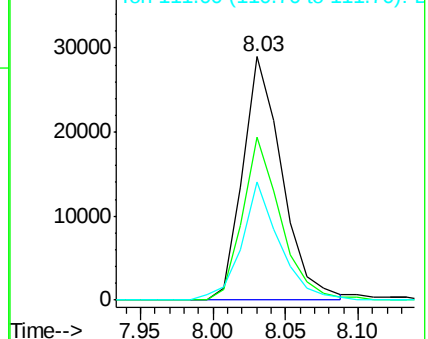
146 100

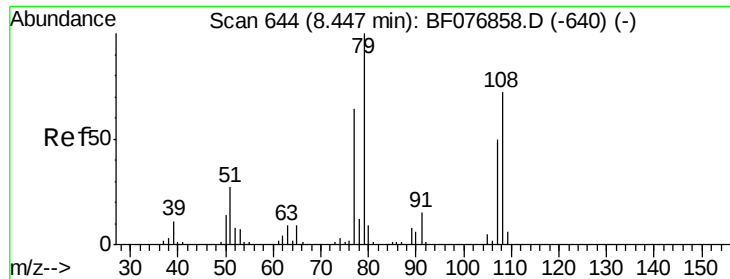
148 67.1 51.3 76.9

111 48.5 34.5 51.7



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: 27.09 ng

RT: 8.13 min Scan# 634

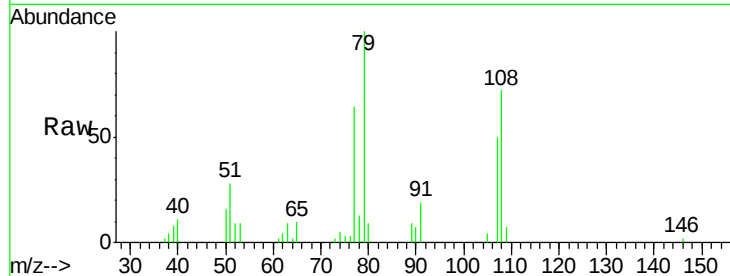
Delta R.T. 0.00 min

Lab File: BF077186.D

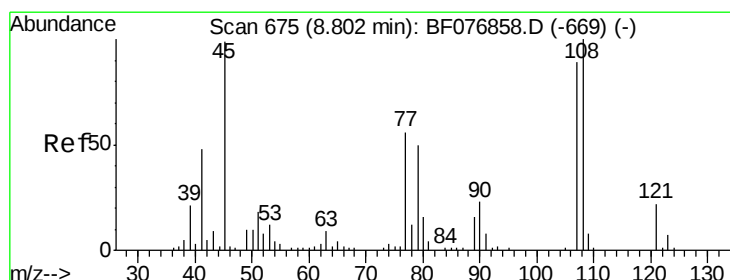
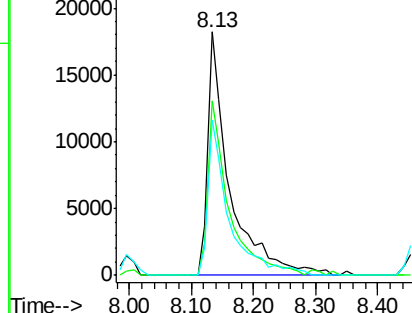
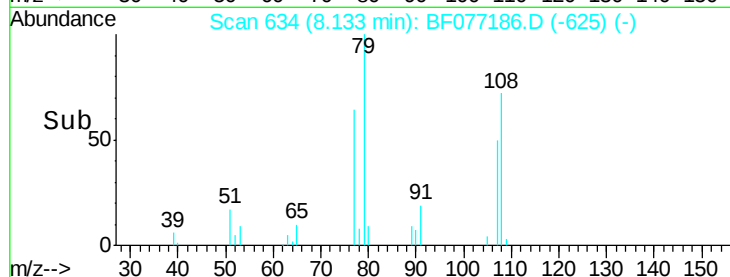
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 44571
Ion Ratio Lower Upper
79 100
108 71.7 57.2 85.8
77 64.0 51.2 76.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.45 ng

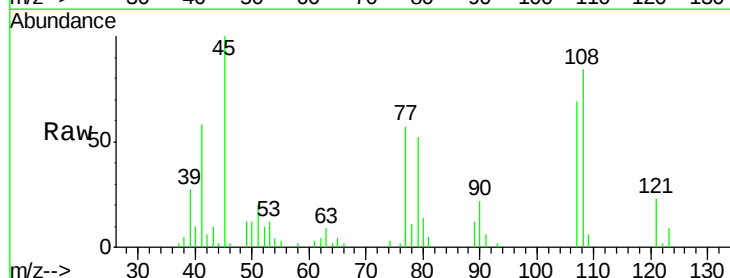
RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

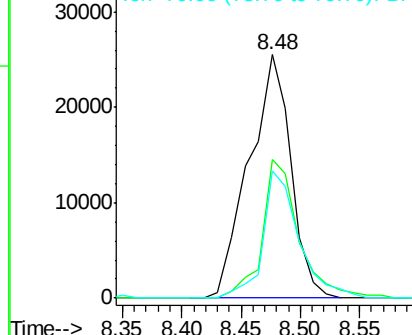
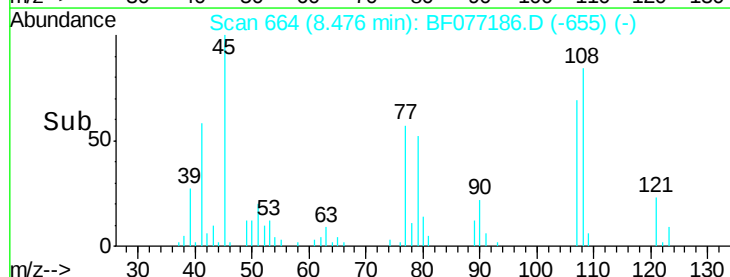
Lab File: BF077186.D

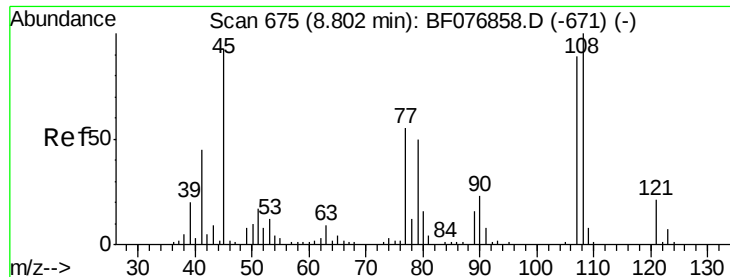
Acq: 5 Feb 2015 15:57

Tgt Ion: 45 Resp: 62338
Ion Ratio Lower Upper
45 100
77 57.1 36.1 76.1
79 52.4 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

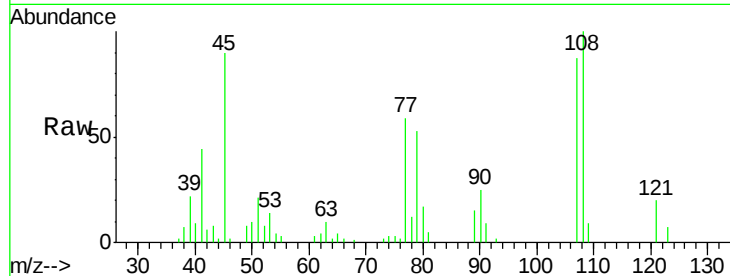




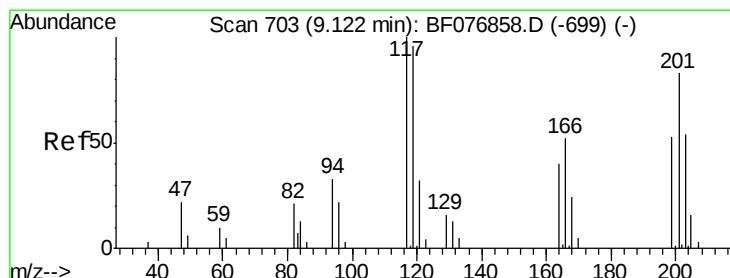
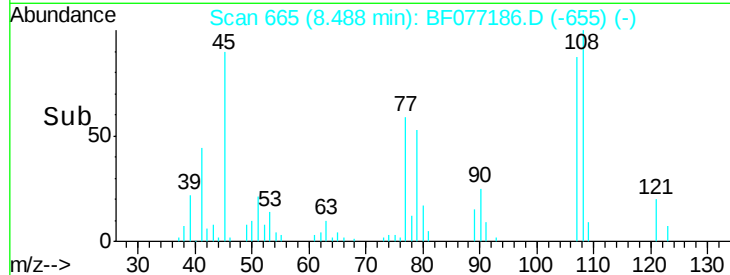
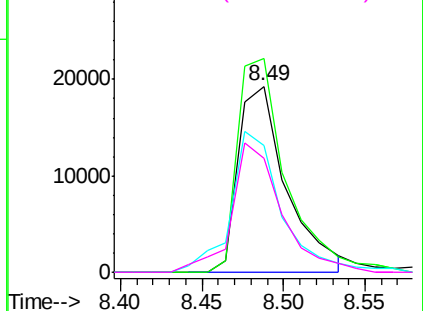
#17
2-Methylphenol
Concen: 26.03 ng
RT: 8.49 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 39519
Ion Ratio Lower Upper
107 100
108 114.9 89.7 134.5
77 68.0 50.1 75.1
79 61.1 45.0 67.6

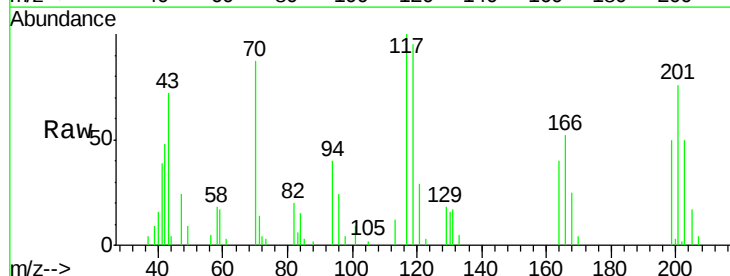


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

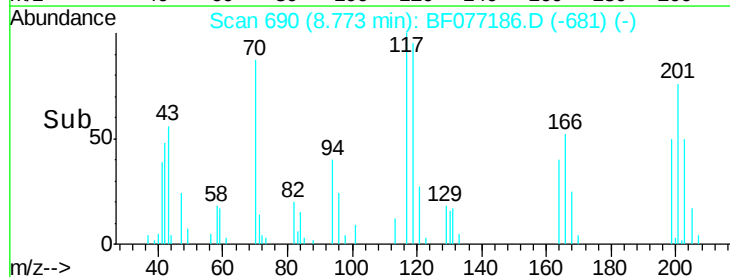
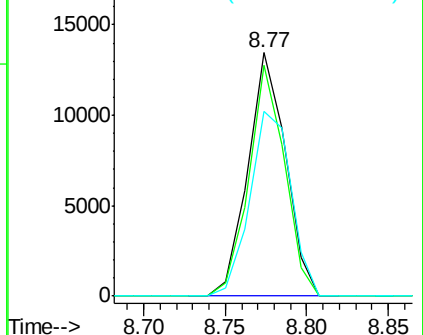


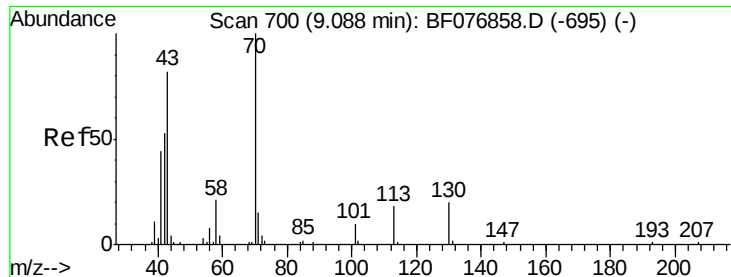
#18
Hexachloroethane
Concen: 27.70 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:117 Resp: 21599
Ion Ratio Lower Upper
117 100
119 94.6 77.1 115.7
201 76.0 66.8 100.2



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

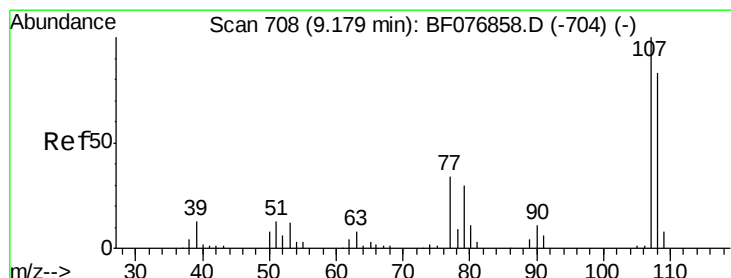
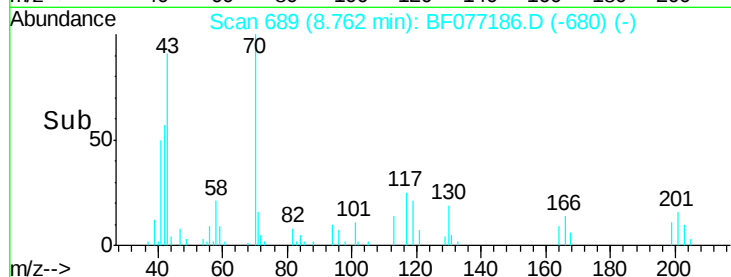
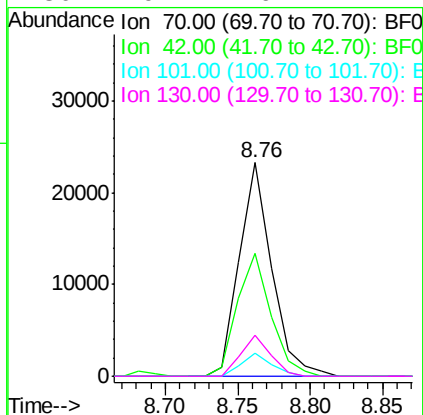
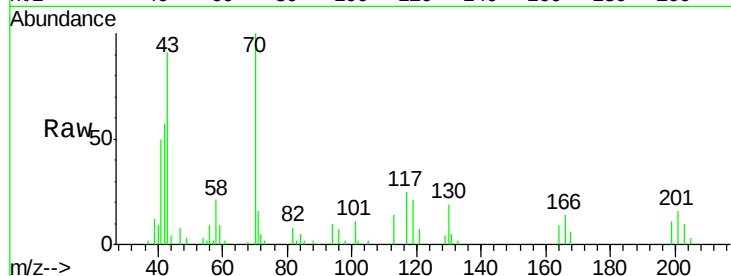




#19
n-Nitroso-di-n-propylamine
Concen: 25.52 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

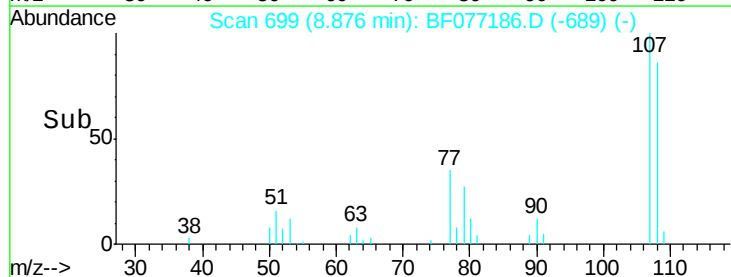
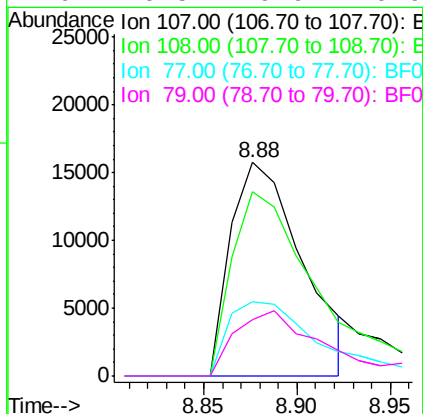
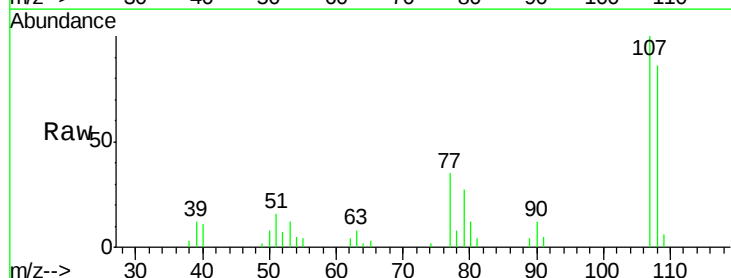
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	36322
Ion	Ratio	Lower	Upper
70	100		
42	57.5	42.1	63.1
101	10.6	7.8	11.8
130	19.4	16.2	24.4



#20
3+4-Methylphenols
Concen: 20.92 ng
RT: 8.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:	107	Resp:	42049
Ion	Ratio	Lower	Upper
107	100		
108	86.2	63.5	103.5
77	35.0	14.0	54.0
79	26.5	9.9	49.9

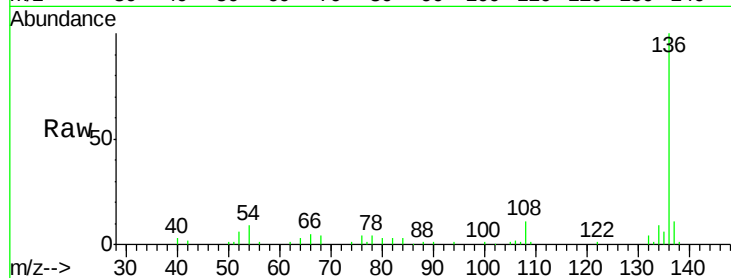




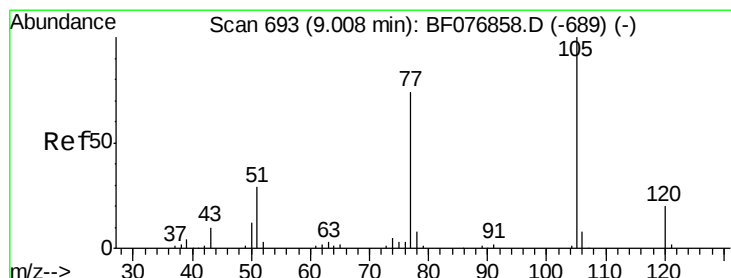
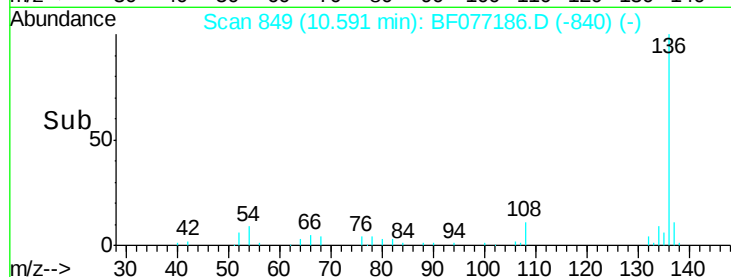
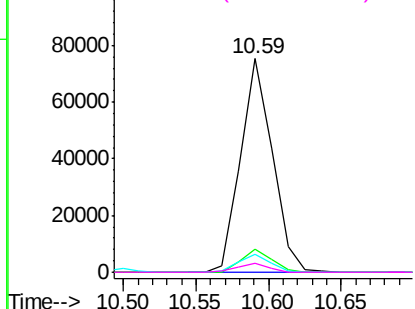
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	114469
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.1 12.1
54	8.5	7.0 10.4
68	4.3	3.7 5.5

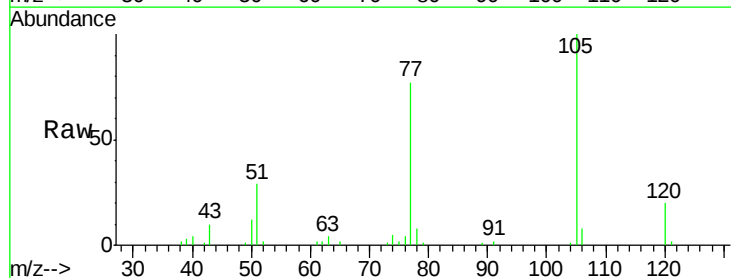


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

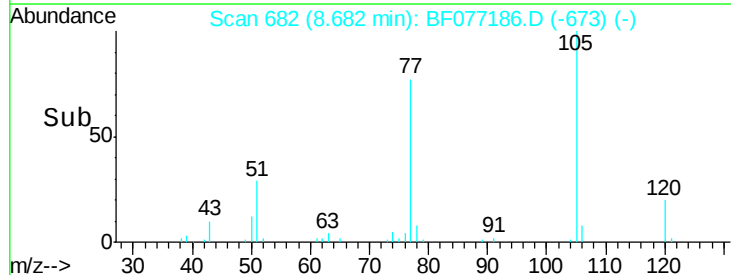
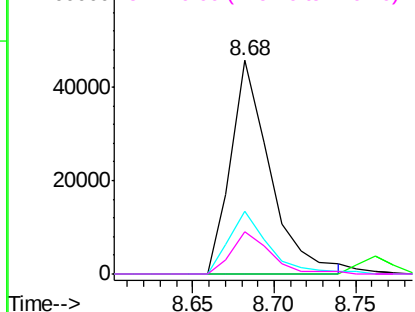


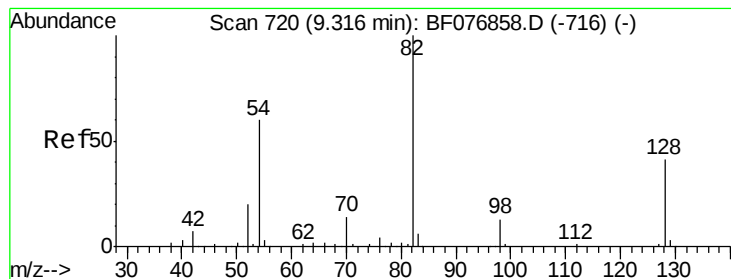
#22
Acetophenone
Concen: 27.13 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:105	Resp:	76061
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	29.4	23.3 34.9
120	19.5	16.1 24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 56.83 ng

RT: 8.99 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Instrument :

BNA_F

ClientSampleId :

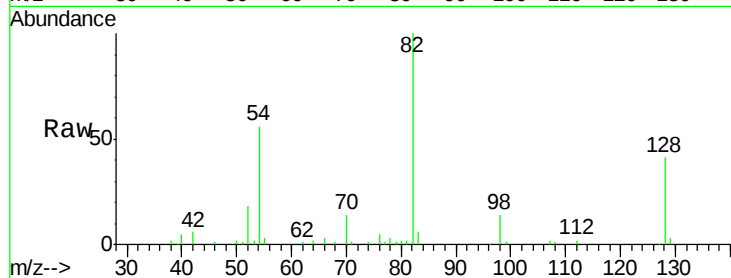
Tot Ion: 82 Resp: 117411

Ion Ratio Lower Upper

82 100

128 40.8 33.1 49.7

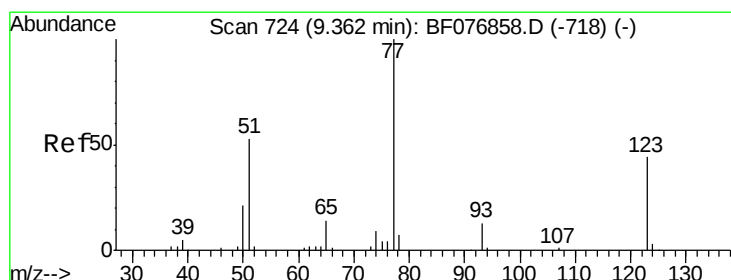
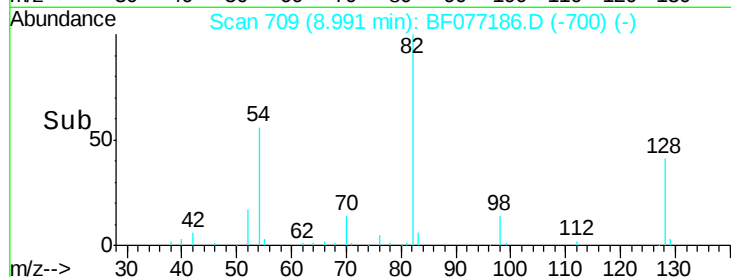
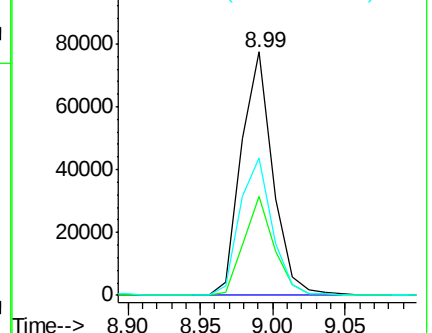
54 56.2 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 25.22 ng

RT: 9.04 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

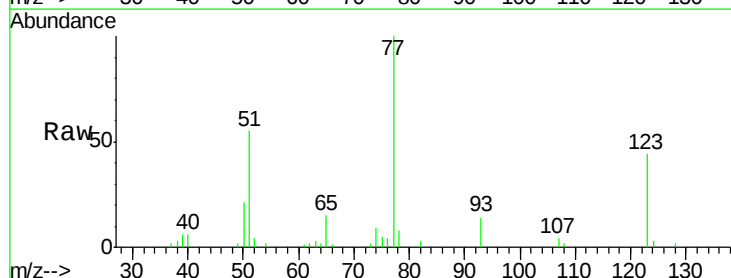
Tgt Ion: 77 Resp: 53083

Ion Ratio Lower Upper

77 100

123 44.1 35.2 52.8

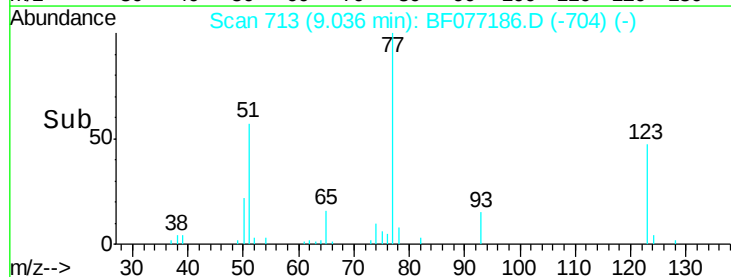
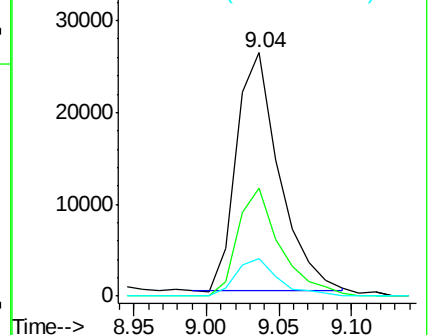
65 15.3 11.4 17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 26.05 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Instrument :

BNA_F

ClientSampleId :

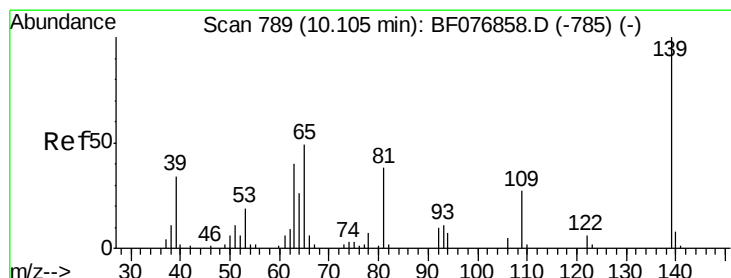
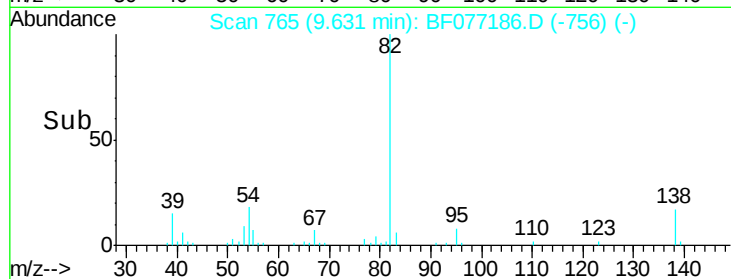
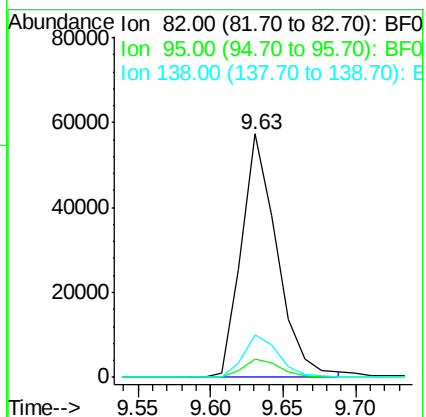
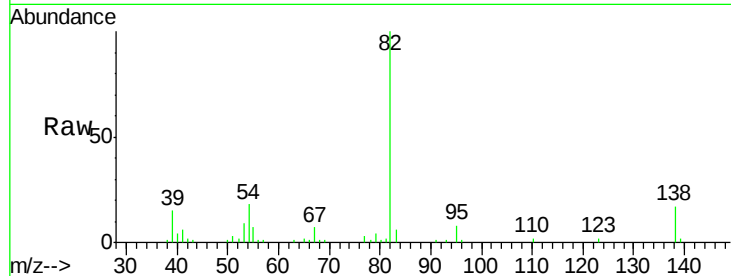
Tot Ion: 82 Resp: 98019

Ion Ratio Lower Upper

82 100

95 7.8 6.6 10.0

138 17.3 12.6 18.8



#26

2-Nitrophenol

Concen: 21.45 ng

RT: 9.78 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

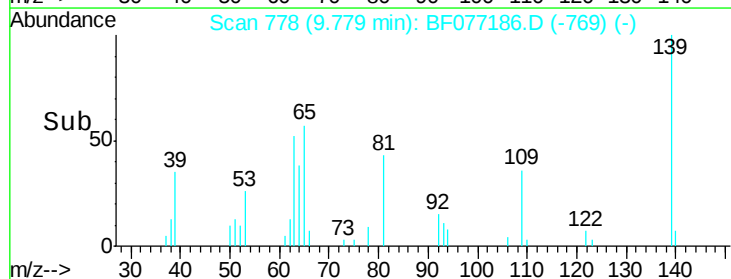
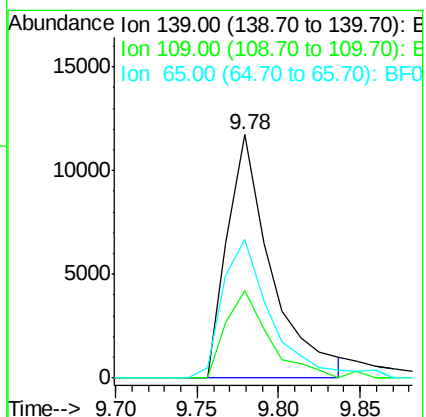
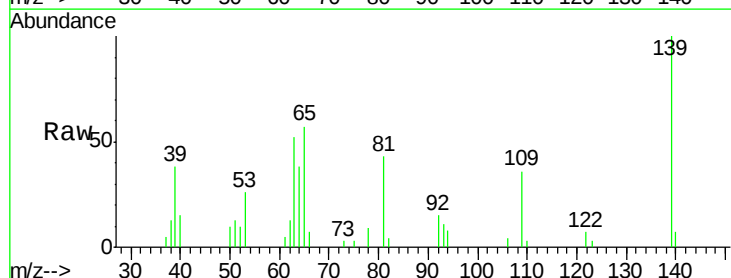
Tgt Ion: 139 Resp: 22025

Ion Ratio Lower Upper

139 100

109 36.0 21.3 31.9#

65 57.2 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 27.24 ng

RT: 10.06 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampleId :

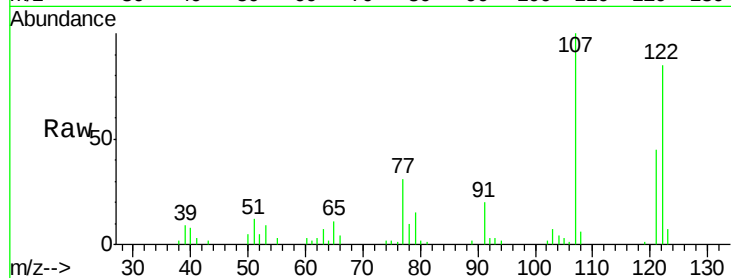
Tot Ion:122 Resp: 44333

Ion Ratio Lower Upper

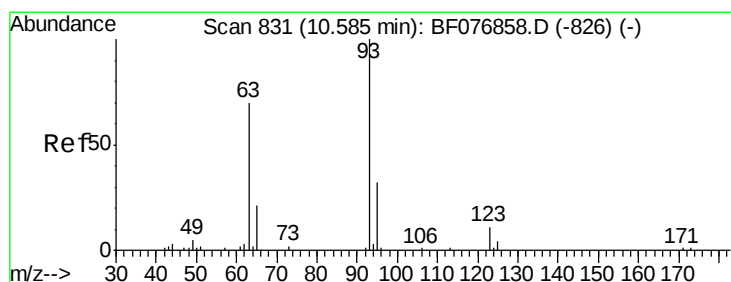
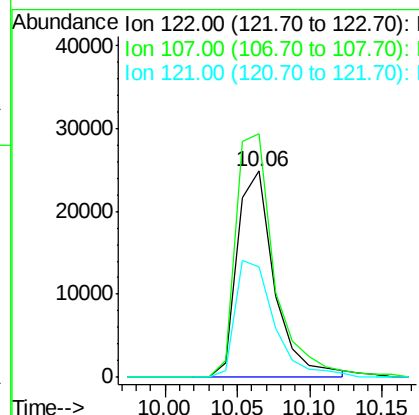
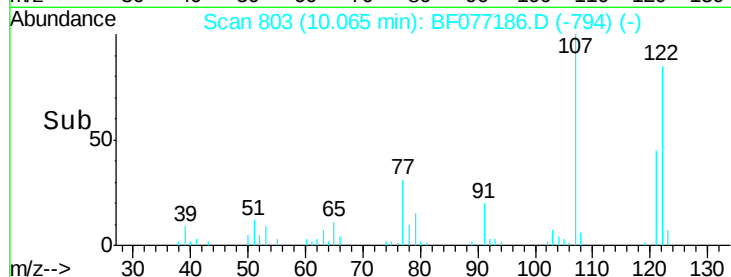
122 100

107 118.0 95.2 142.8

121 53.6 42.9 64.3



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: 27.59 ng

RT: 10.26 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

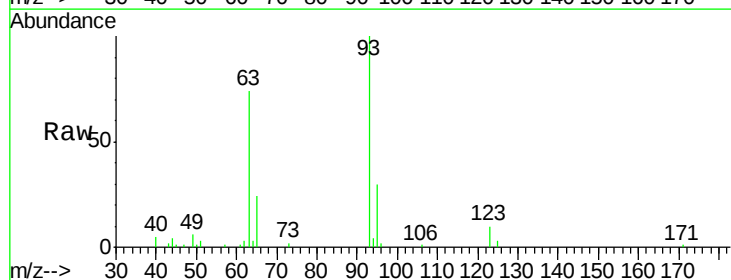
Tgt Ion: 93 Resp: 59003

Ion Ratio Lower Upper

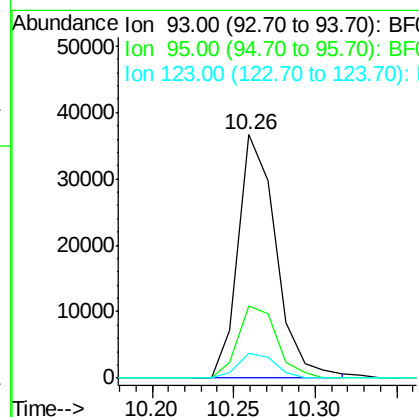
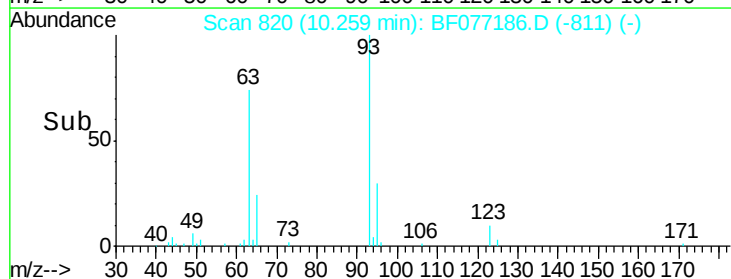
93 100

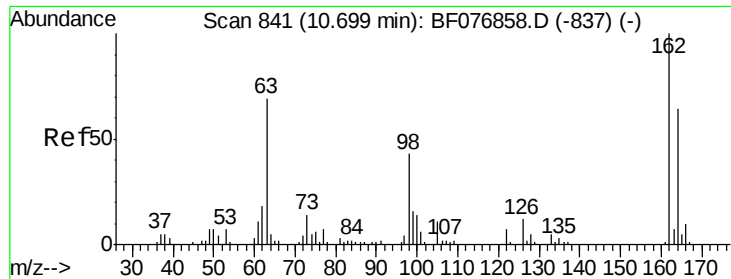
95 29.9 25.6 38.4

123 10.0 8.9 13.3



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

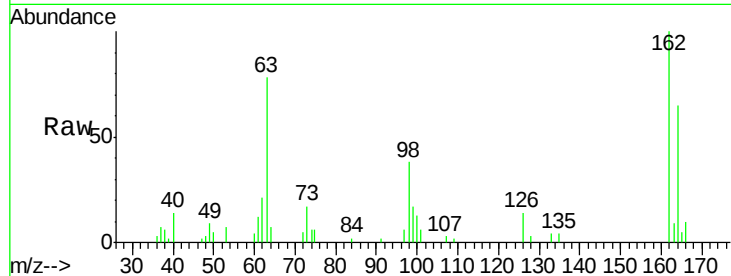




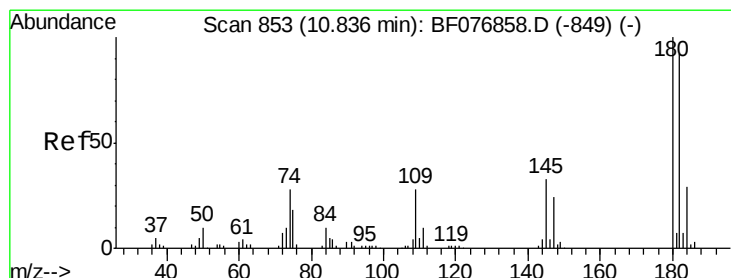
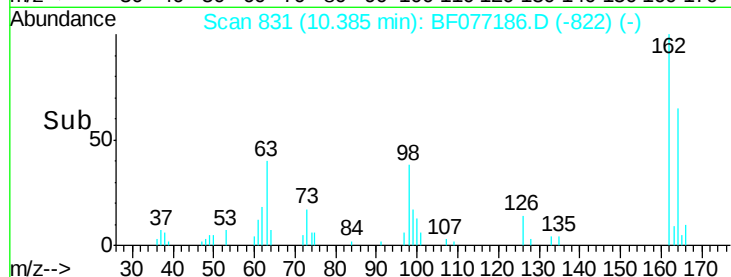
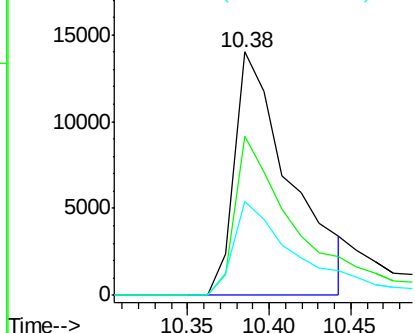
#29
2,4-Dichlorophenol
Concen: 21.90 ng
RT: 10.38 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 33219
Ion Ratio Lower Upper
162 100
164 65.5 43.8 83.8
98 38.4 22.5 62.5

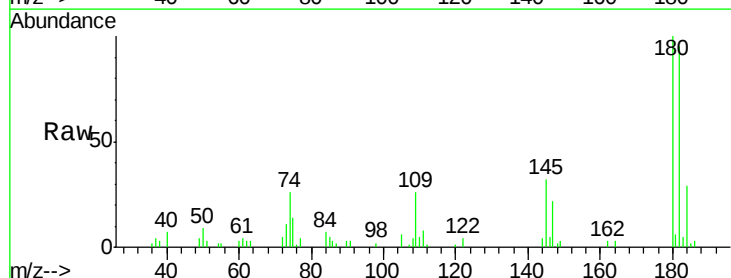


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

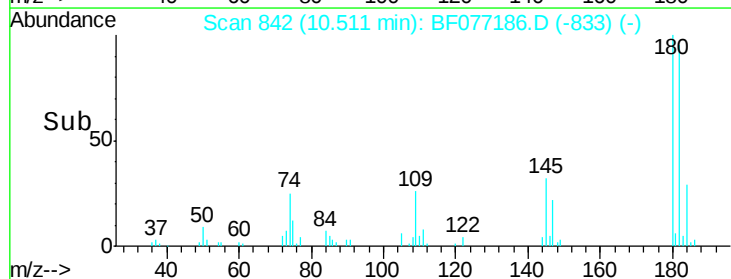
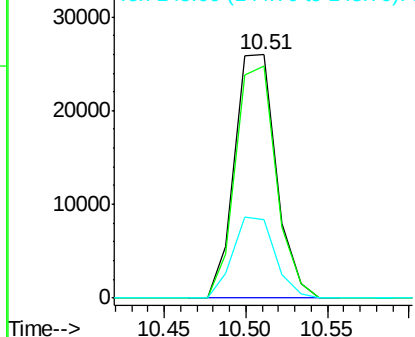


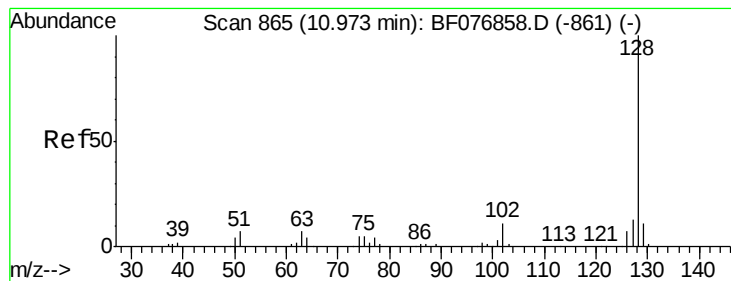
#30
1,2,4-Trichlorobenzene
Concen: 27.21 ng
RT: 10.51 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:180 Resp: 45840
Ion Ratio Lower Upper
180 100
182 95.1 73.6 110.4
145 32.1 26.6 39.8



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





#31

Naphthalene

Concen: 26.24 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Instrument :

BNA_F

ClientSampled :

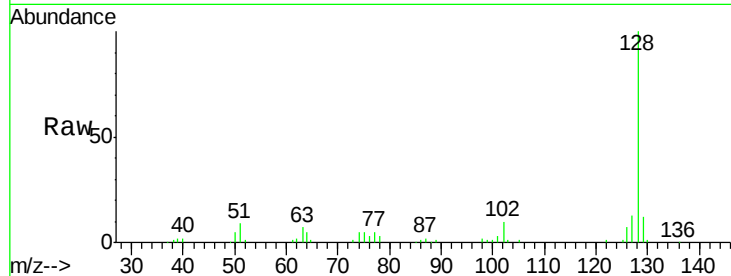
Tot Ion:128 Resp: 154650

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

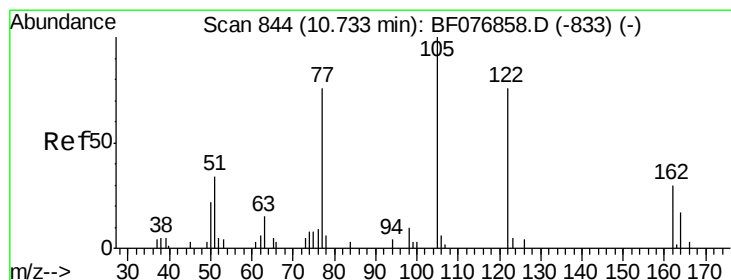
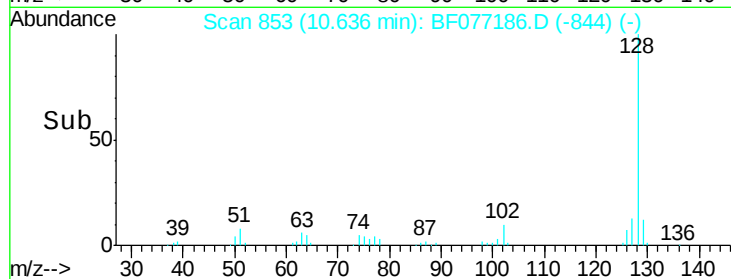
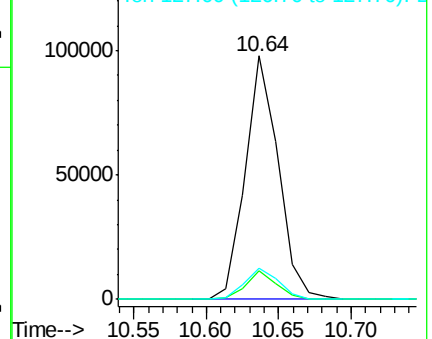
127 12.9 10.2 15.2



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: 5.93 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

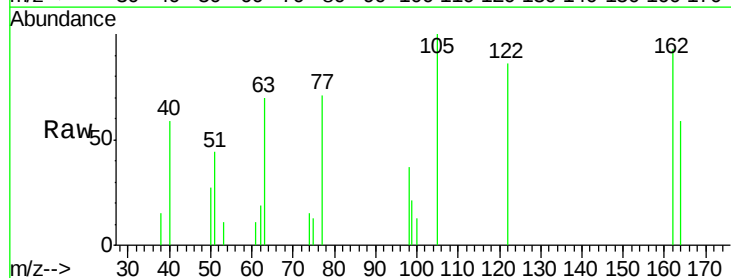
Tgt Ion:122 Resp: 5345

Ion Ratio Lower Upper

122 100

105 116.4 111.3 151.3

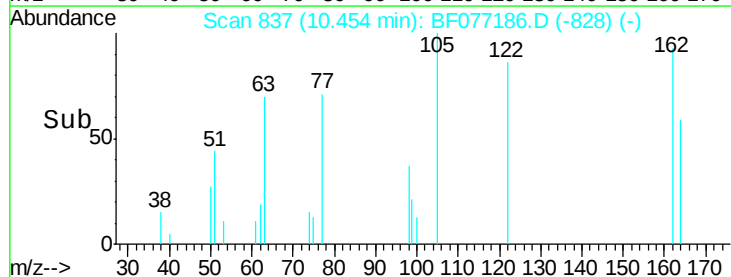
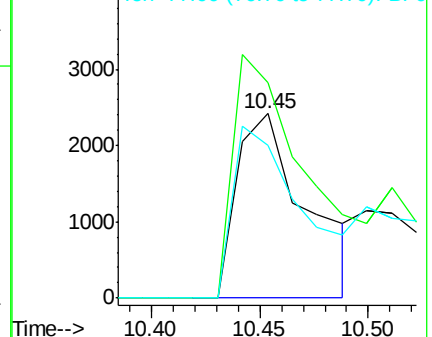
77 82.9 79.2 119.2



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

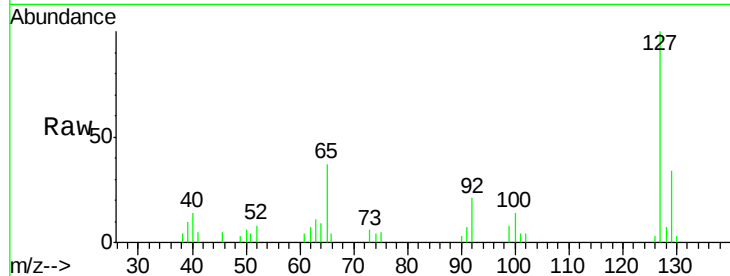




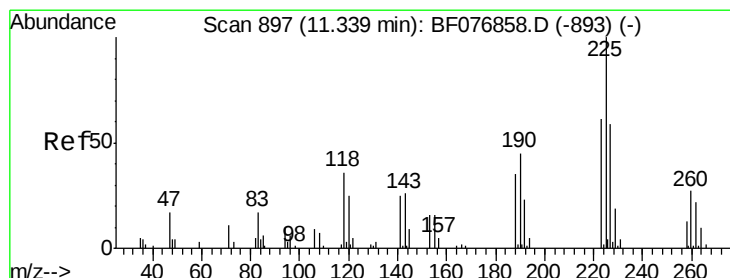
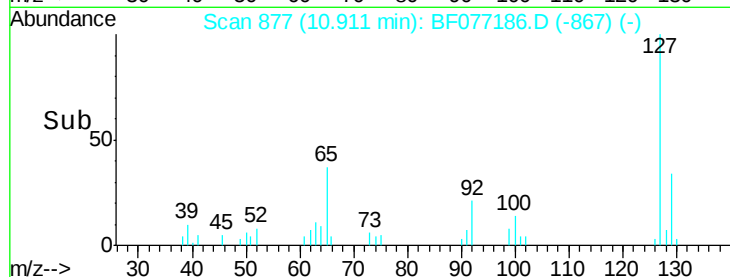
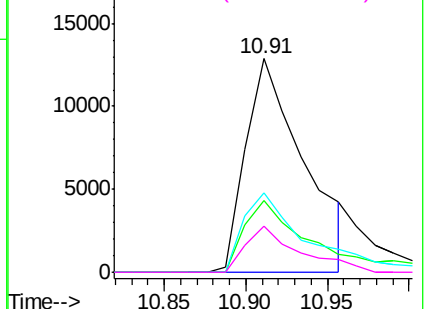
#33
4-Chloroaniline
Concen: 13.38 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	31857
Ion Ratio	Lower	Upper
127	100	
129	33.7	25.3 37.9
65	37.1	27.8 41.6
92	21.4	16.5 24.7

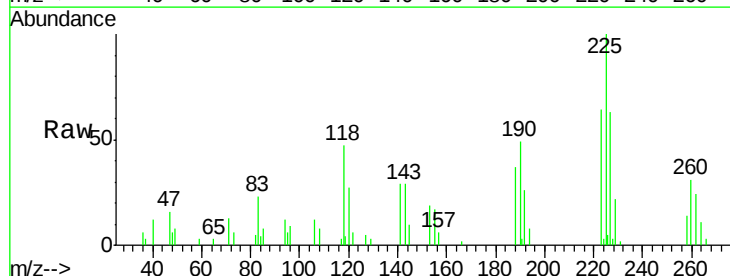


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

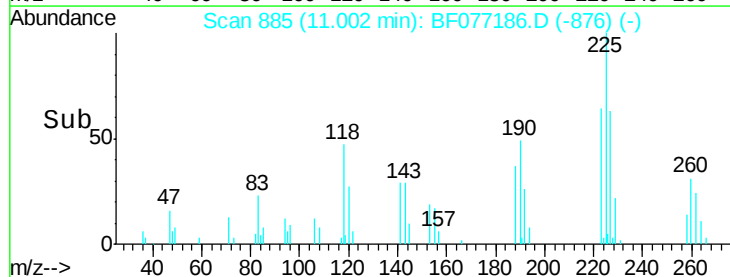
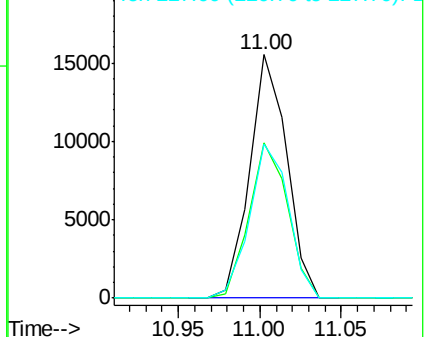


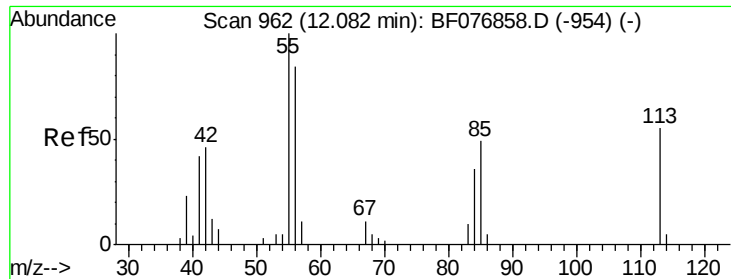
#34
Hexachlorobutadiene
Concen: 24.54 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:225	Resp:	24532
Ion Ratio	Lower	Upper
225	100	
223	63.8	49.1 73.7
227	63.1	47.5 71.3



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

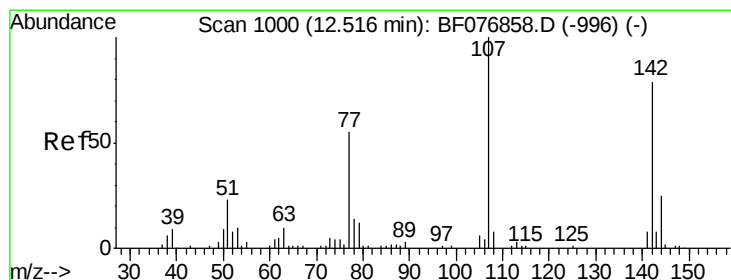
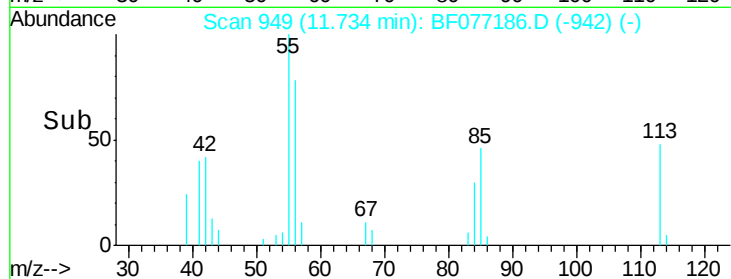
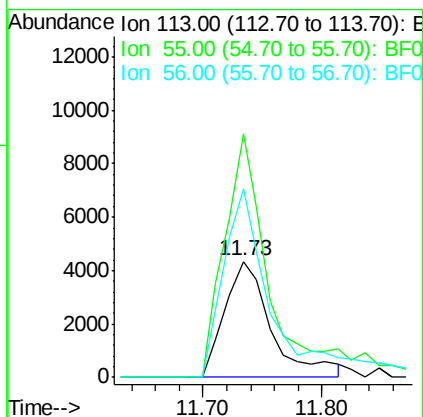
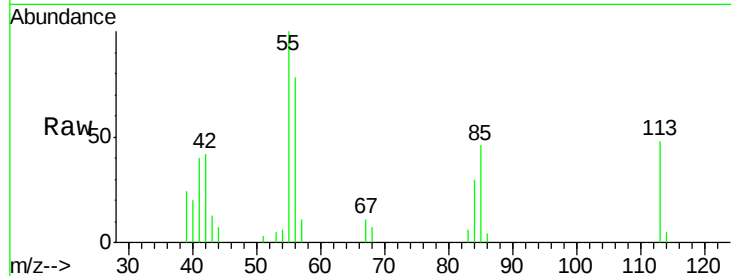




#35
 Caprolactam
 Concen: 26.53 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

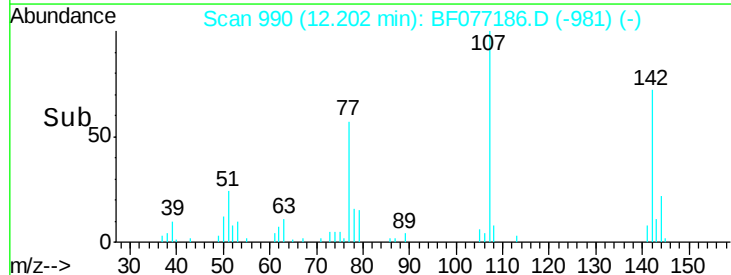
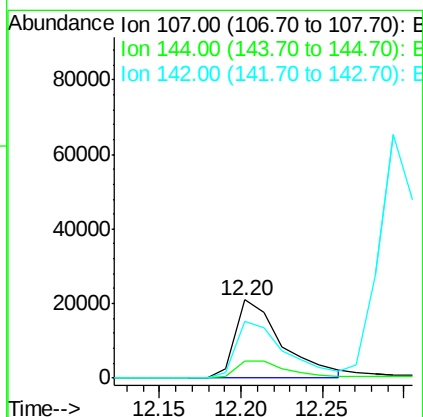
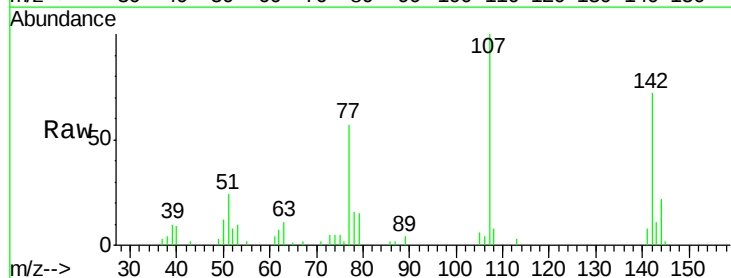
Instrument :
 BNA_F
 ClientSampled :

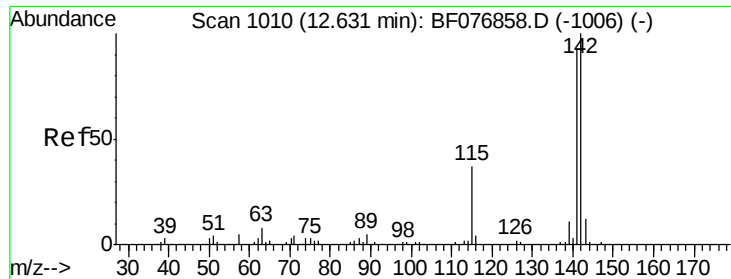
Tot Ion:113 Resp: 11850
 Ion Ratio Lower Upper
 113 100
 55 209.8 162.1 202.1#
 56 162.9 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 24.01 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:107 Resp: 41711
 Ion Ratio Lower Upper
 107 100
 144 22.3 20.0 30.0
 142 72.4 63.5 95.3

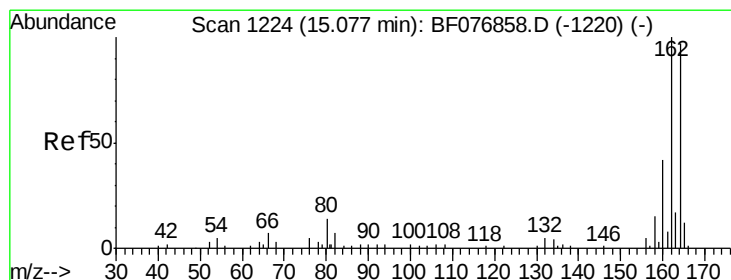
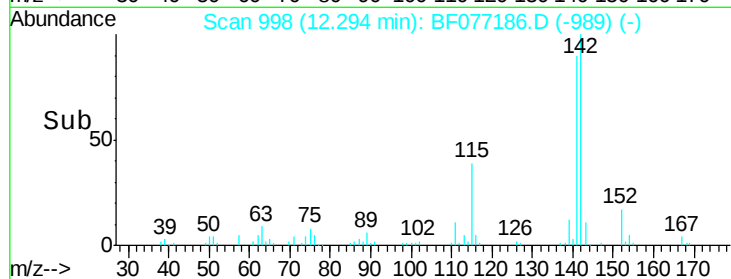
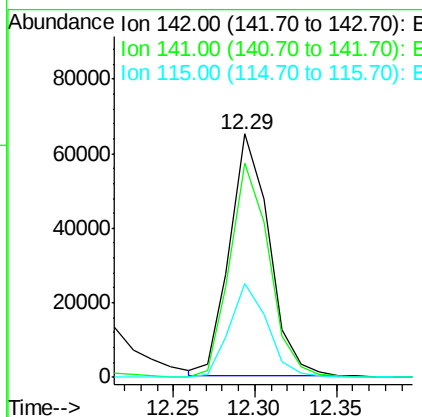
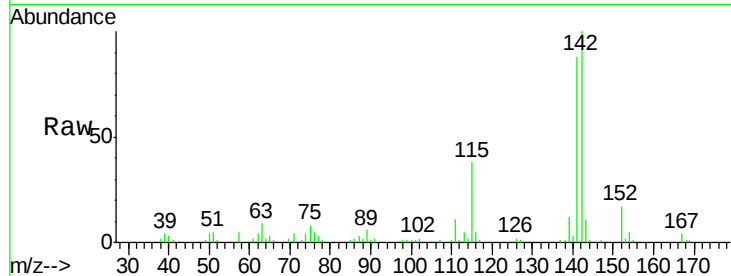




#37
2-Methylnaphthalene
Concen: 27.14 ng
RT: 12.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

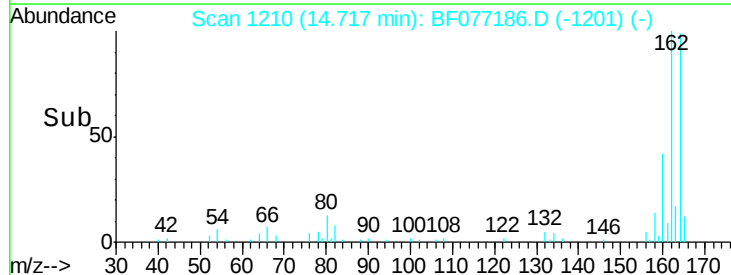
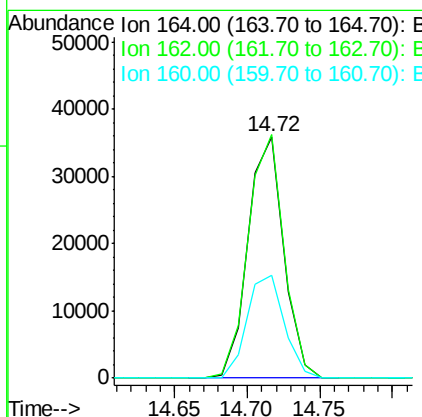
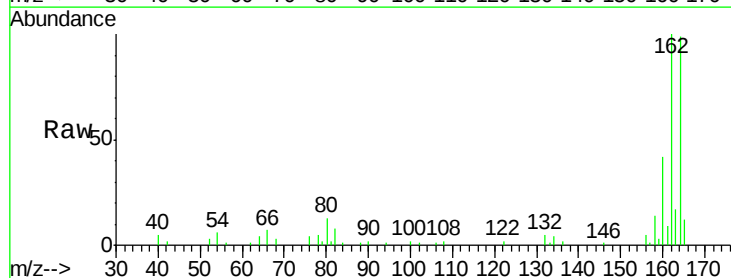
Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 109230
Ion Ratio Lower Upper
142 100
141 87.8 74.5 111.7
115 38.4 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:164 Resp: 61158
Ion Ratio Lower Upper
164 100
162 100.7 82.4 123.6
160 42.7 34.8 52.2

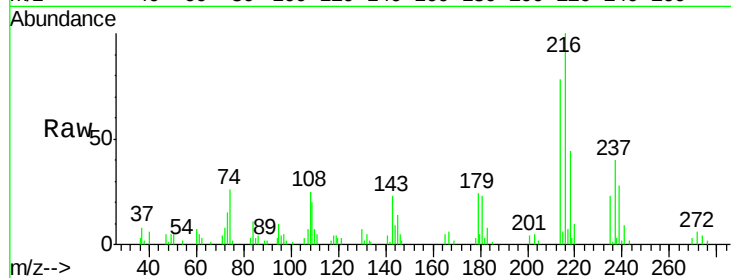




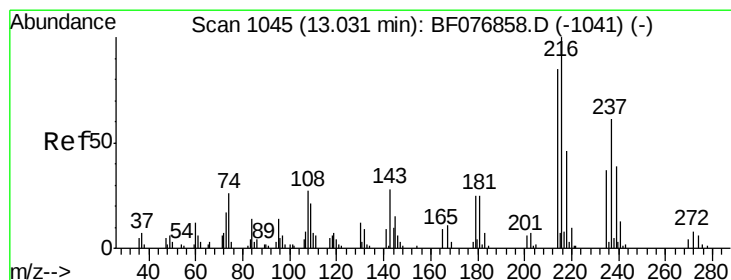
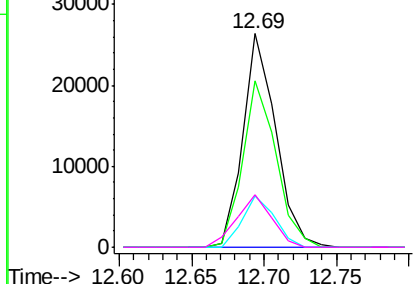
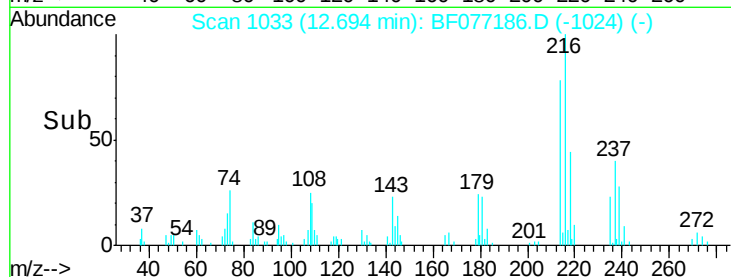
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.42 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	41467
Ion Ratio	Lower	Upper
216	100	
214	79.1	64.9 97.3
179	23.4	18.6 28.0
108	26.5	18.1 27.1

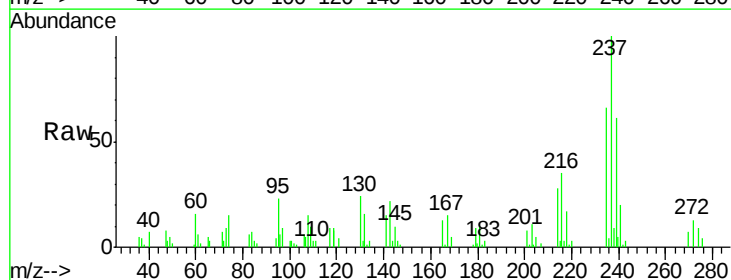


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

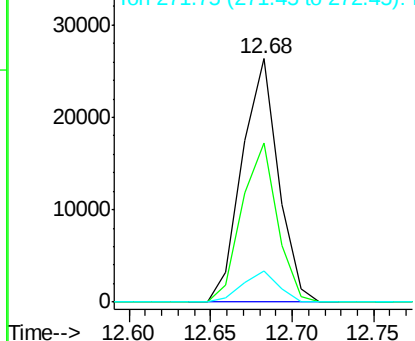
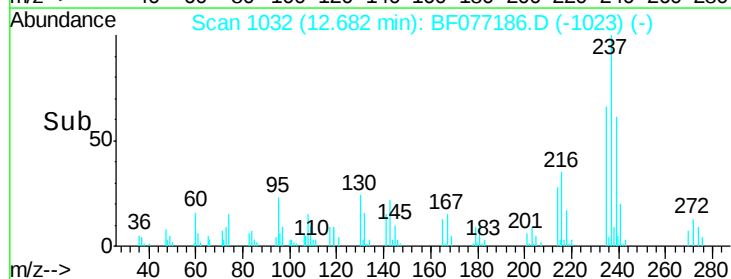


#40
 Hexachlorocyclopentadiene
 Concen: 51.62 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:237	Resp:	40613
Ion Ratio	Lower	Upper
237	100	
235	65.6	40.4 80.4
272	12.9	0.0 33.2



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

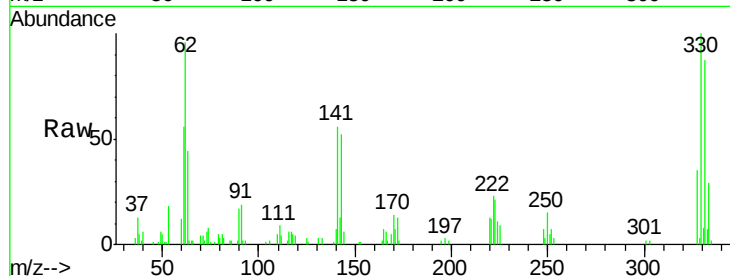




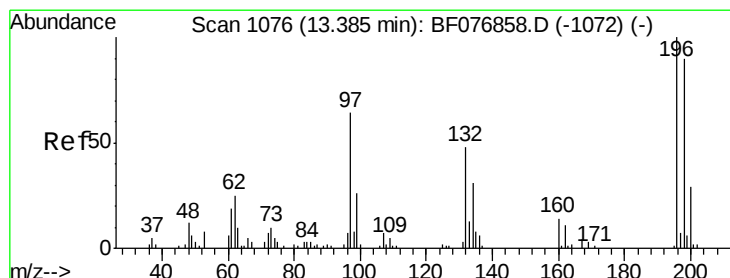
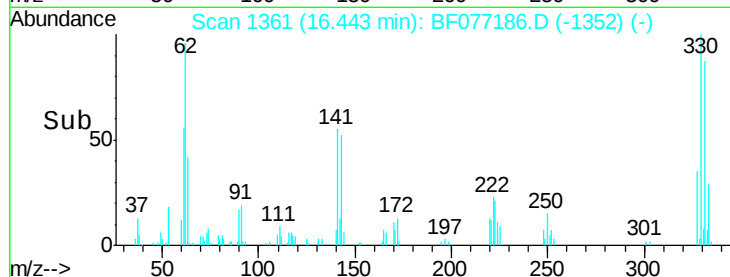
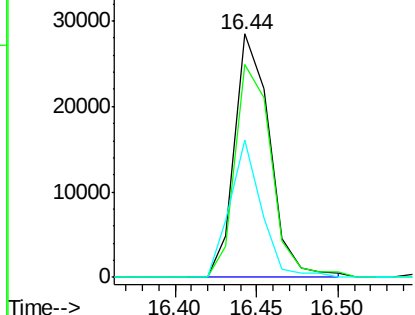
#41
 2,4,6-Tribromophenol
 Concen: 86.01 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 42698
 Ion Ratio Lower Upper
 330 100
 332 90.4 77.8 116.6
 141 50.6 38.5 57.7

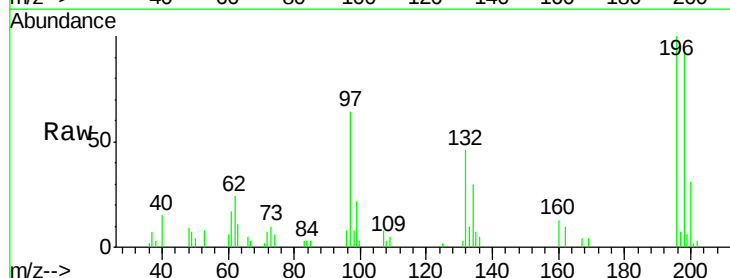


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

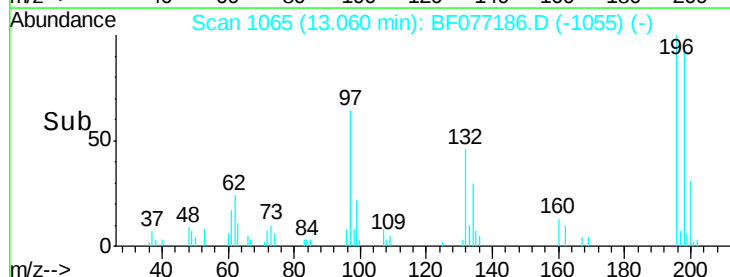
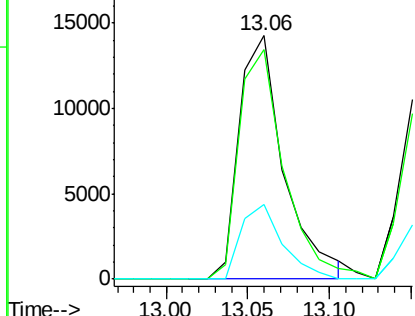


#42
 2,4,6-Trichlorophenol
 Concen: 24.72 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. 0.01 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:196 Resp: 27229
 Ion Ratio Lower Upper
 196 100
 198 94.3 72.0 108.0
 200 30.6 23.4 35.2



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

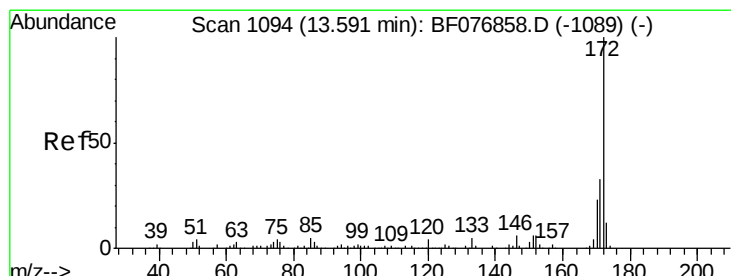
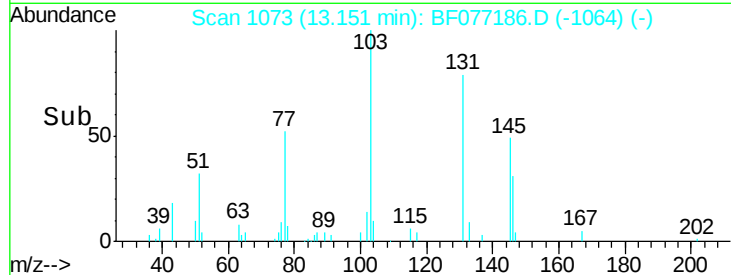
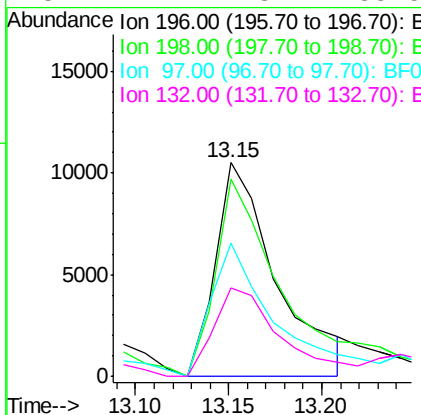
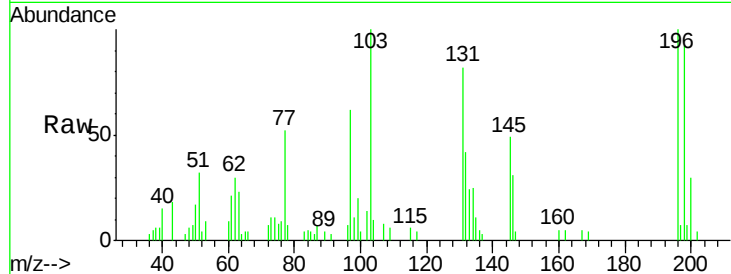




#43
 2,4,5-Trichlorophenol
 Concen: 21.28 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

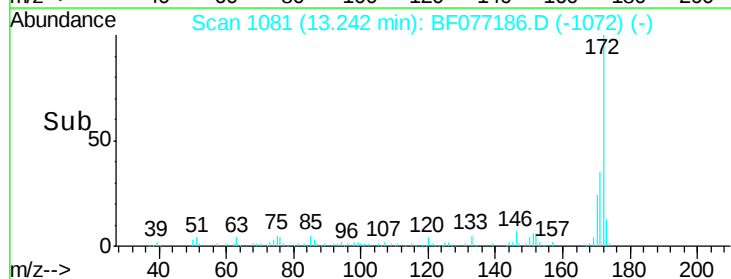
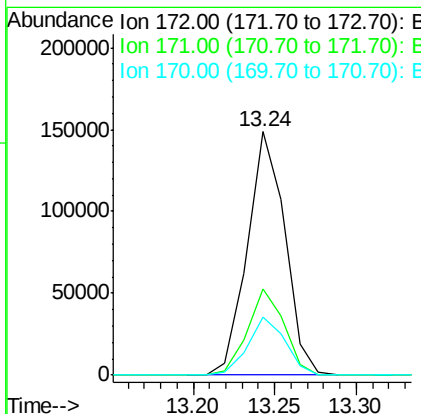
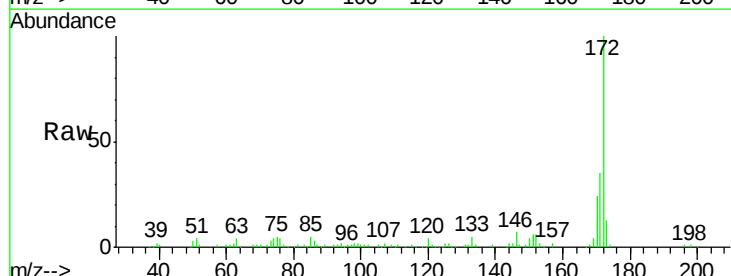
Instrument :
 BNA_F
 ClientSampleId :

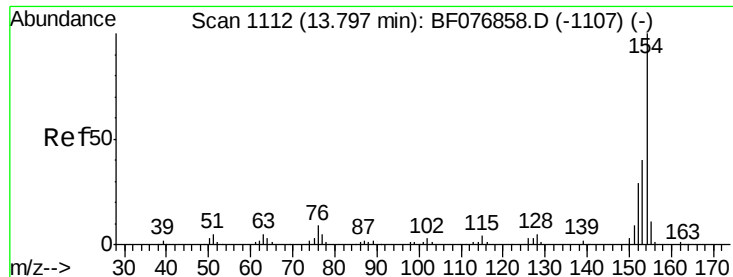
Tot Ion:196 Resp: 23910
 Ion Ratio Lower Upper
 196 100
 198 92.5 76.6 115.0
 97 62.1 43.4 65.0
 132 41.7 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 59.09 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:172 Resp: 237479
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.6 40.0
 170 23.9 18.0 27.0

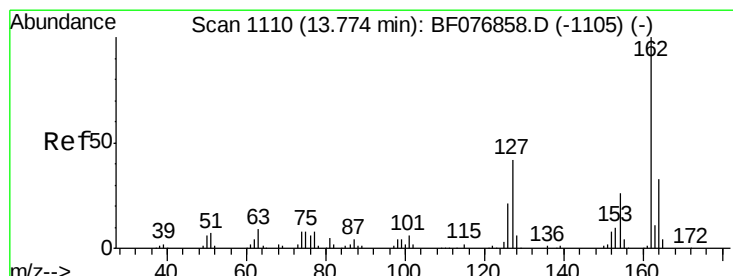
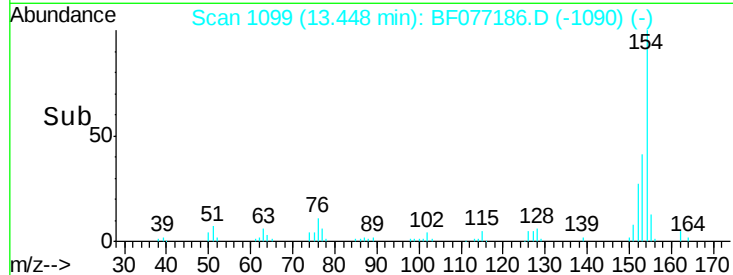
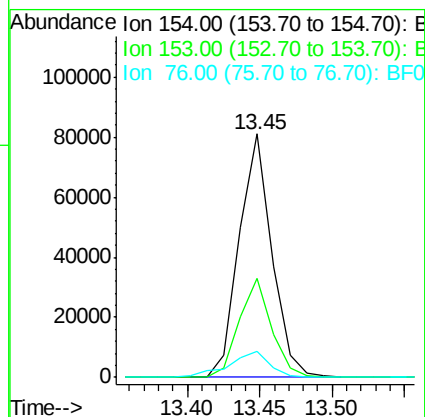
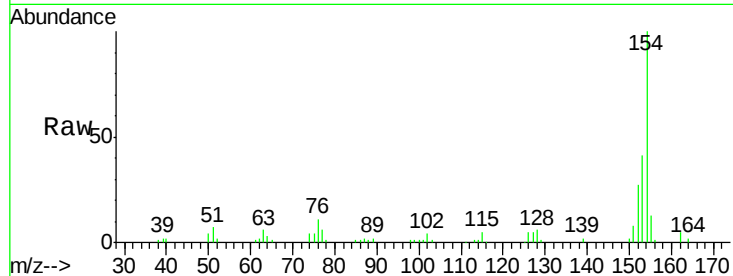




#45
 1,1'-Biphenyl
 Concen: 27.85 ng
 RT: 13.45 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

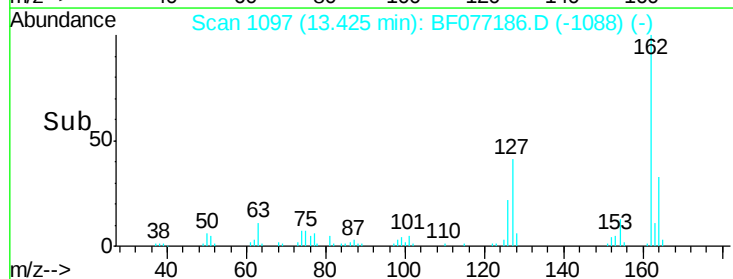
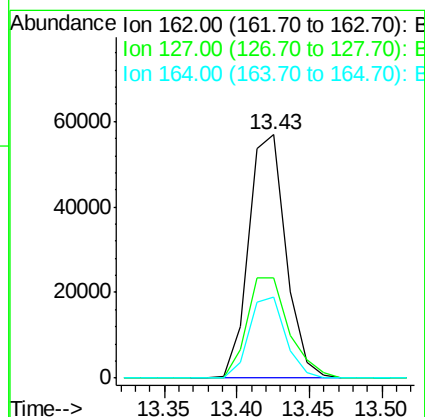
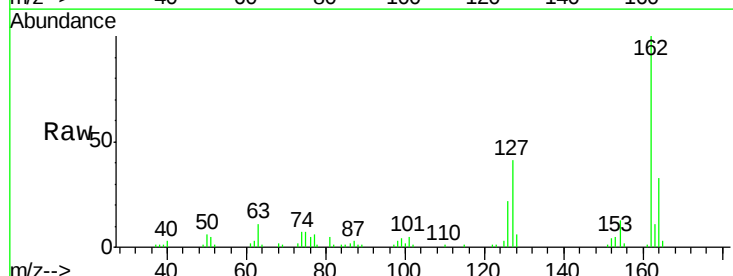
Instrument :
 BNA_F
 ClientSampleId :

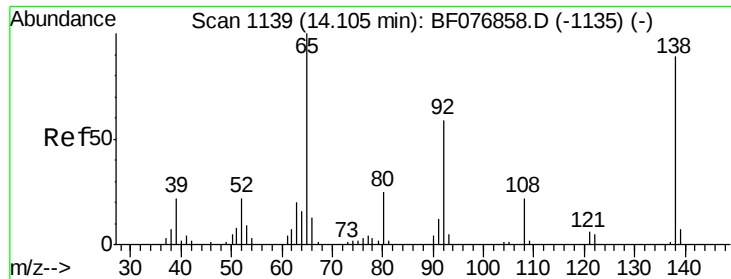
Tot Ion:154 Resp: 126272
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.2 60.2
 76 10.6 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 27.07 ng
 RT: 13.43 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:162 Resp: 100992
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.8 50.6
 164 33.4 26.8 40.2

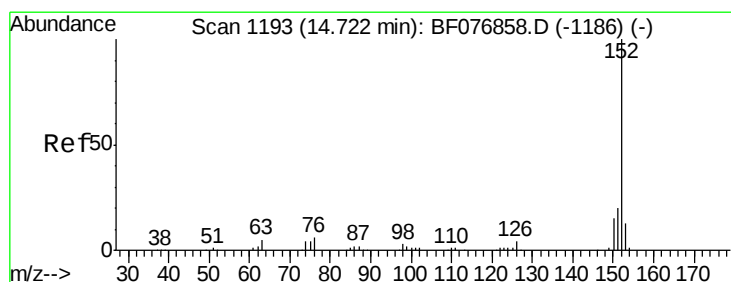
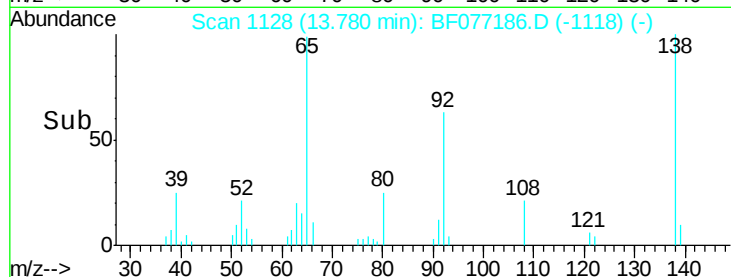
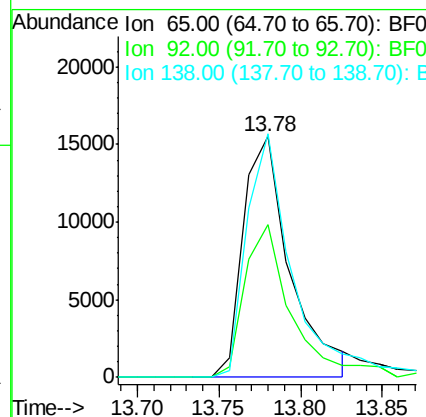
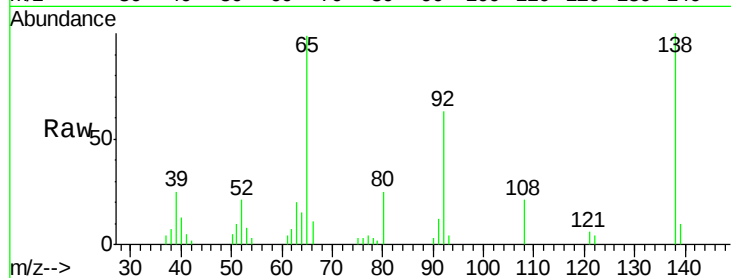




#47
2-Nitroaniline
Concen: 27.21 ng
RT: 13.78 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

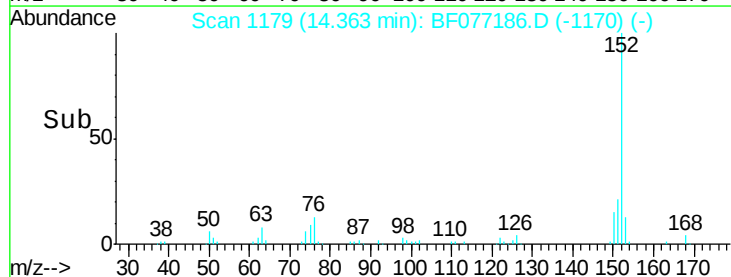
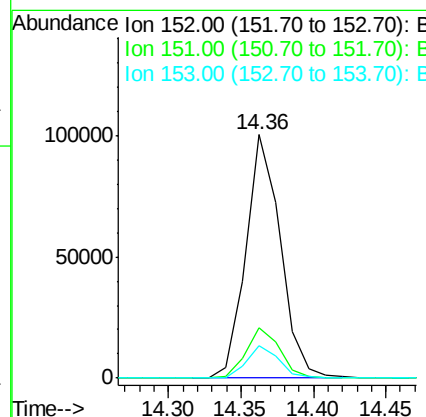
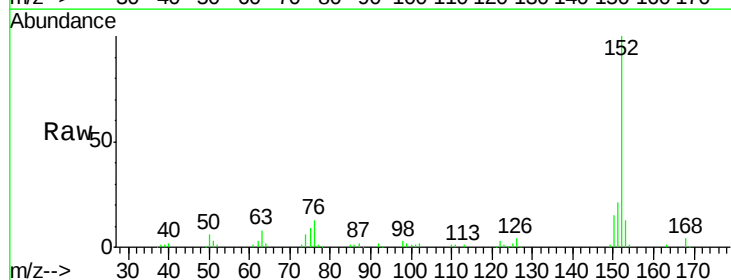
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 30793
Ion Ratio Lower Upper
65 100
92 63.4 47.3 70.9
138 101.2 71.4 107.2



#48
Acenaphthylene
Concen: 26.31 ng
RT: 14.36 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion: 152 Resp: 165578
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.1 10.2 15.4

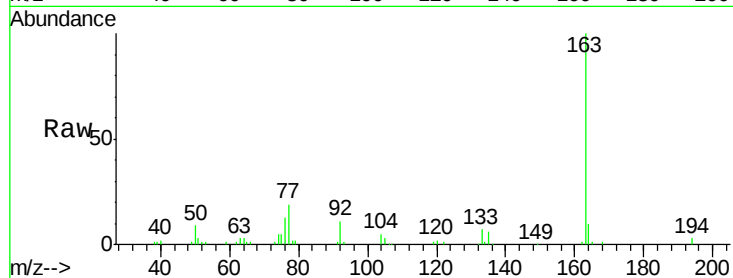




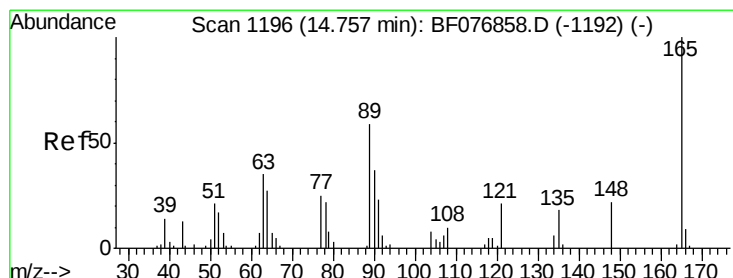
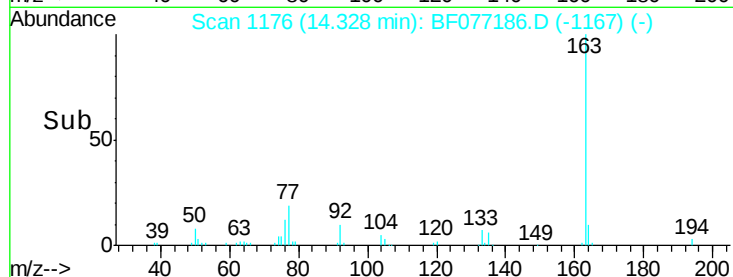
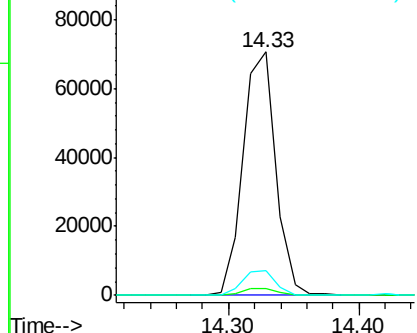
#49
Dimethylphthalate
Concen: 28.42 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 123260
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.3 7.5 11.3

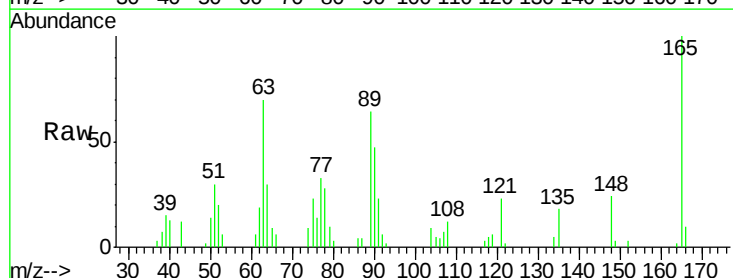


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

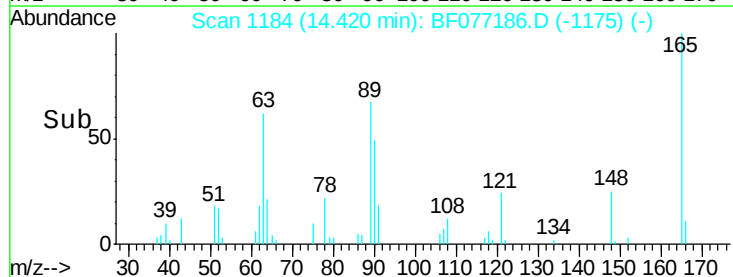
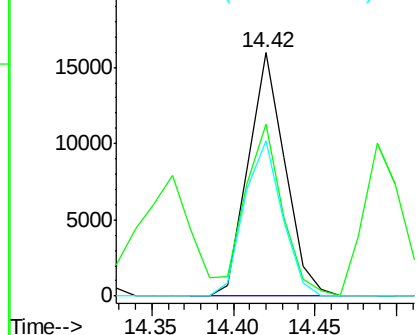


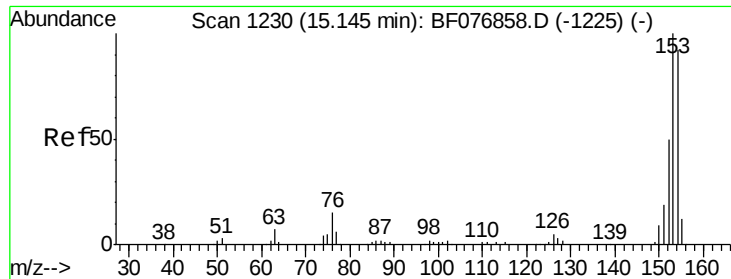
#50
2,6-Dinitrotoluene
Concen: 28.81 ng
RT: 14.42 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:165 Resp: 24967
Ion Ratio Lower Upper
165 100
63 70.4 48.1 72.1
89 63.8 47.2 70.8



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: 25.88 ng

RT: 14.79 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Instrument :

BNA_F

ClientSampleId :

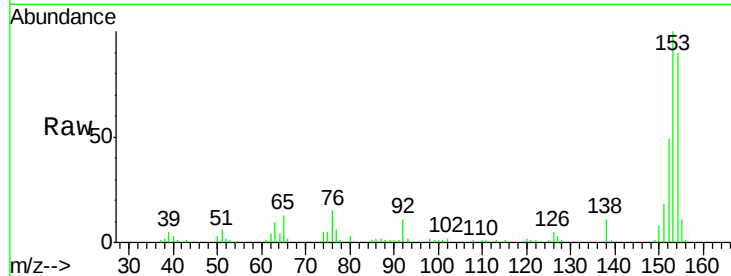
Tot Ion:154 Resp: 92398

Ion Ratio Lower Upper

154 100

153 111.4 87.0 130.6

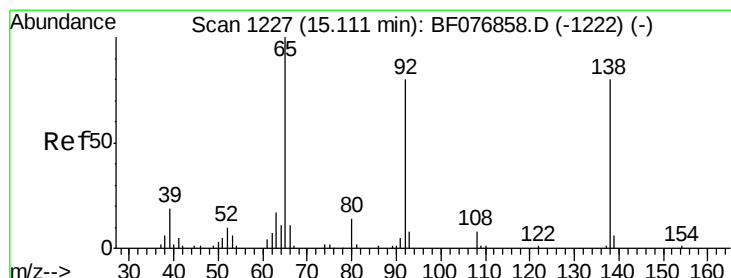
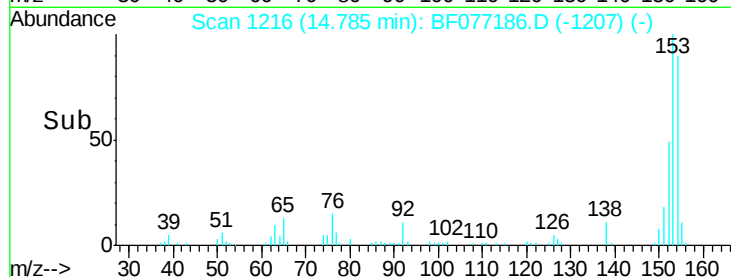
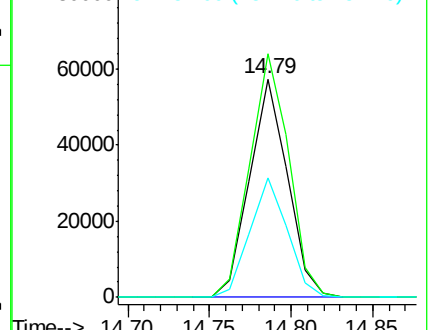
152 54.8 43.5 65.3



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: 20.31 ng

RT: 14.77 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

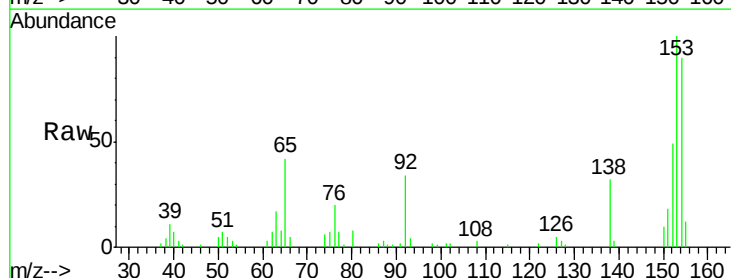
Tgt Ion:138 Resp: 21755

Ion Ratio Lower Upper

138 100

108 10.0 8.3 12.5

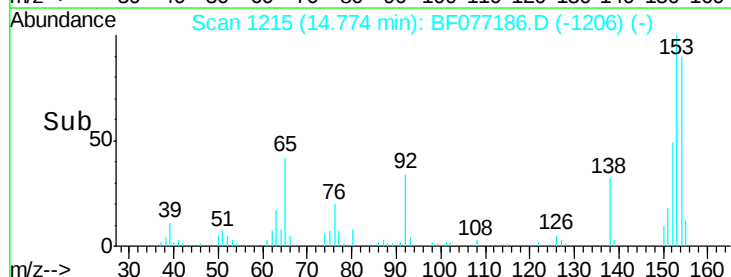
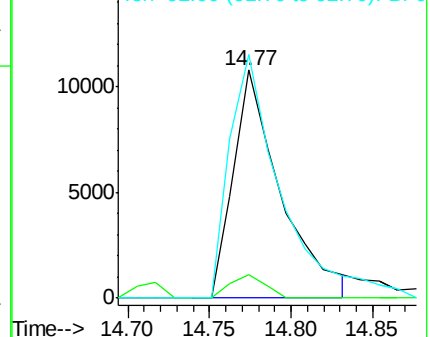
92 106.7 80.9 121.3

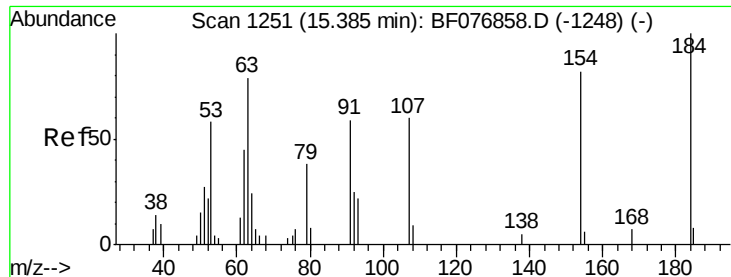


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

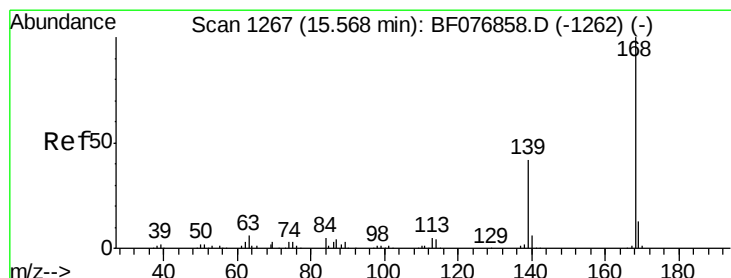
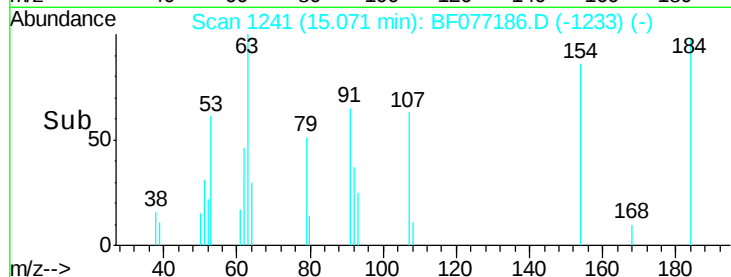
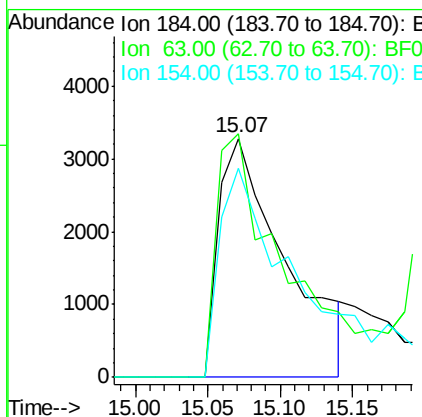
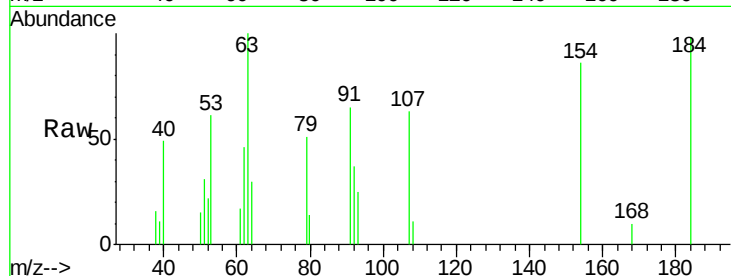




#53
2,4-Dinitrophenol
Concen: 33.59 ng
RT: 15.07 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

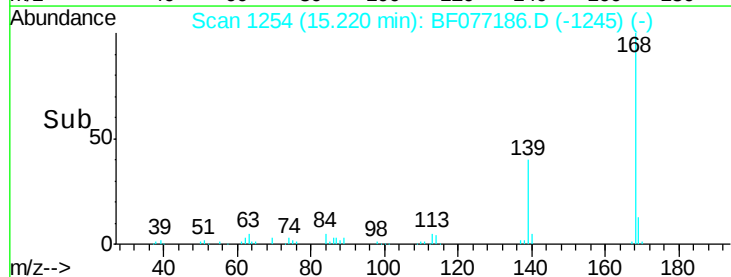
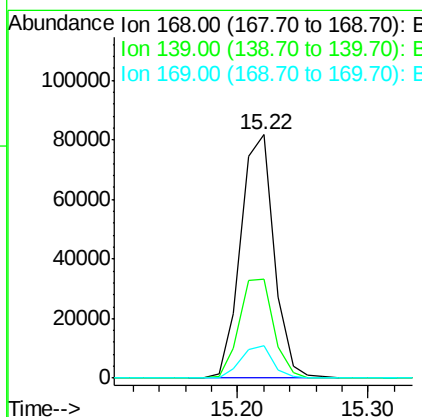
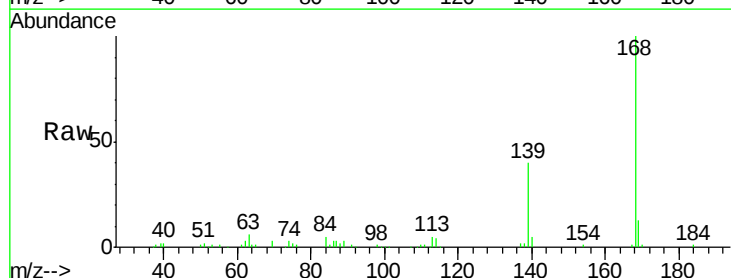
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 10410
Ion Ratio Lower Upper
184 100
63 101.8 63.0 94.6#
154 87.3 65.5 98.3



#54
Dibenzofuran
Concen: 27.92 ng
RT: 15.22 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:168 Resp: 145239
Ion Ratio Lower Upper
168 100
139 40.4 33.4 50.2
169 13.1 10.6 15.8

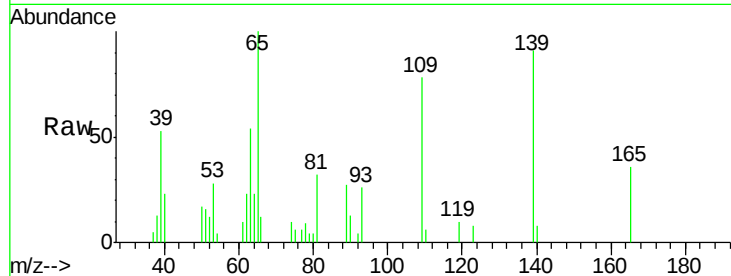




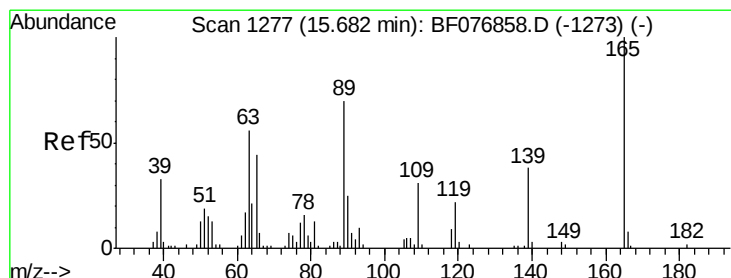
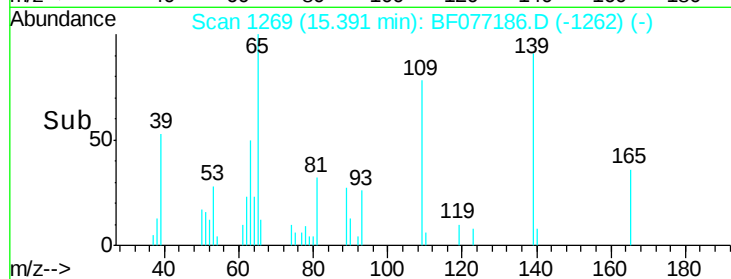
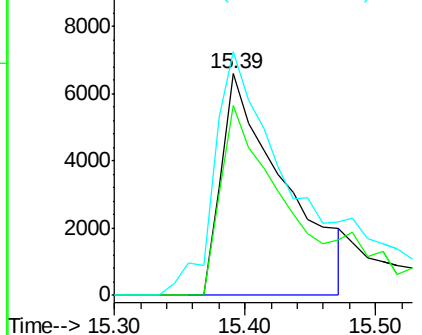
#55
4-Nitrophenol
Concen: 32.48 ng
RT: 15.39 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 22082
Ion Ratio Lower Upper
139 100
109 85.6 61.0 101.0
65 109.9 96.6 136.6

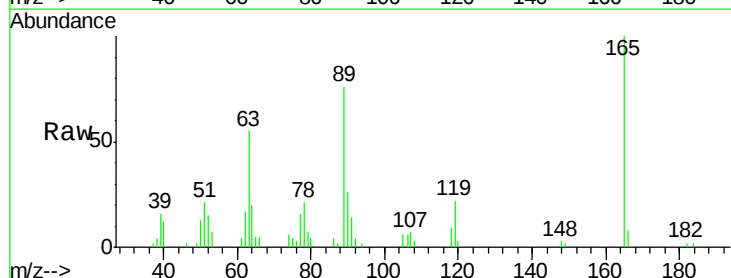


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

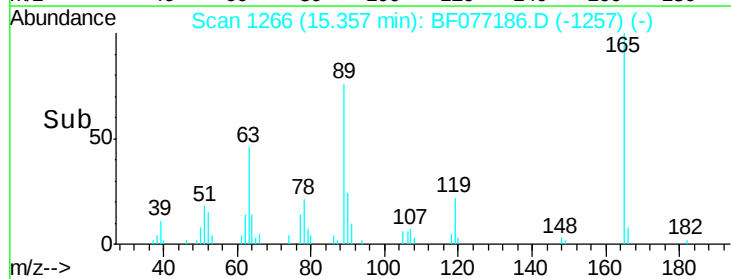
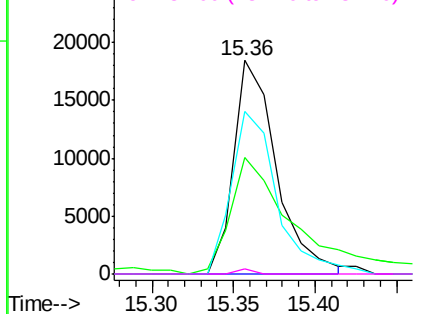


#56
2,4-Dinitrotoluene
Concen: 26.73 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:165 Resp: 33452
Ion Ratio Lower Upper
165 100
63 54.8 44.8 67.2
89 75.9 56.2 84.2
182 2.4 1.5 2.3#



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 26.64 ng

RT: 15.97 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Instrument :

BNA_F

ClientSampleId :

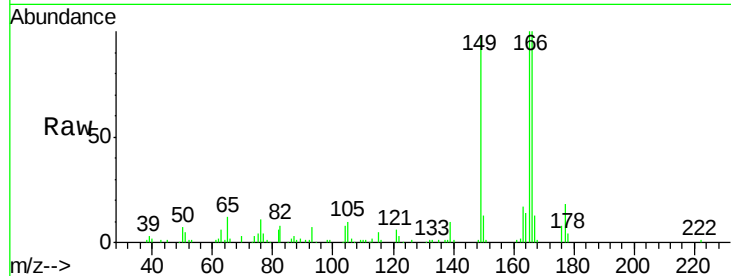
Tot Ion:166 Resp: 117386

Ion Ratio Lower Upper

166 100

165 99.9 78.5 117.7

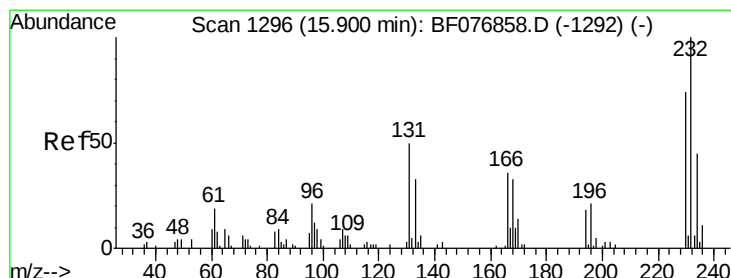
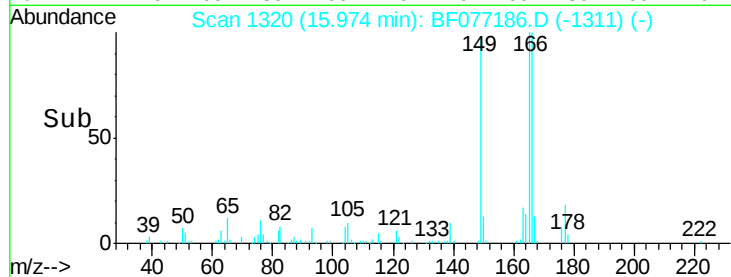
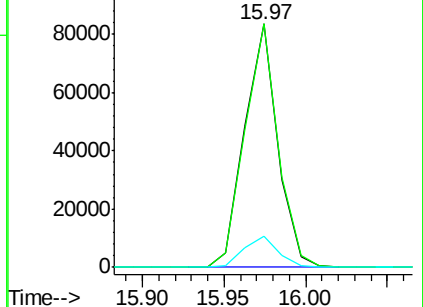
167 13.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.93 ng

RT: 15.59 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Tgt Ion:232 Resp: 17120

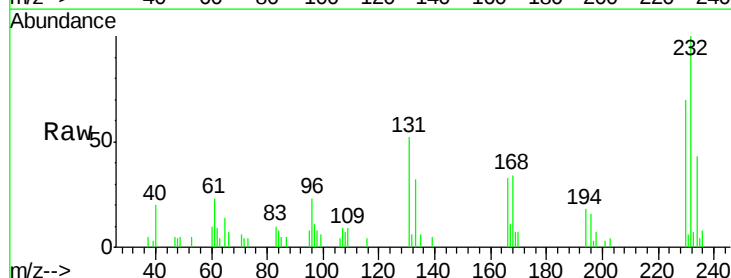
Ion Ratio Lower Upper

232 100

131 57.1 45.0 67.6

130 1.6 2.6 3.8#

166 43.3 30.9 46.3

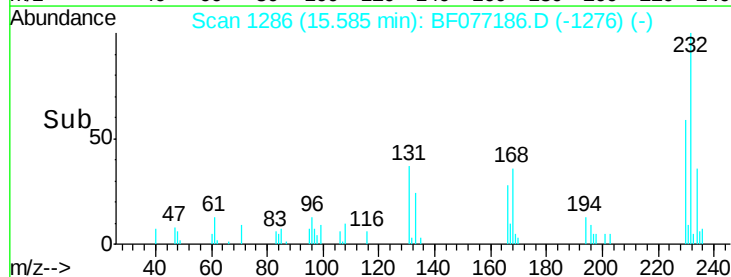
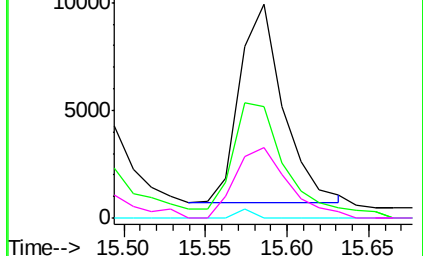


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

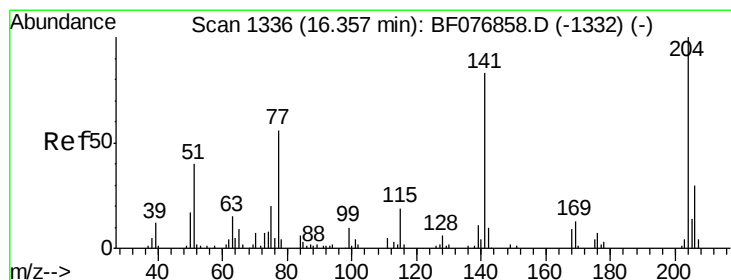
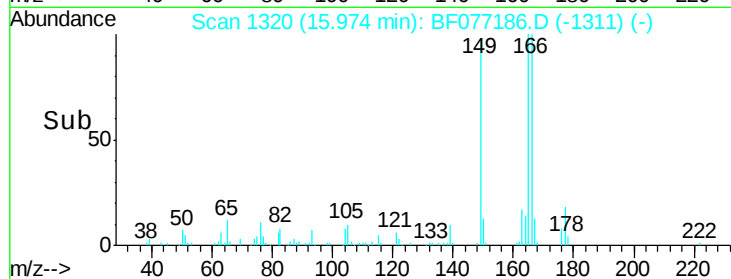
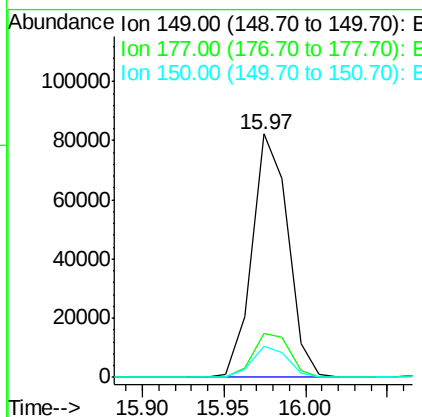
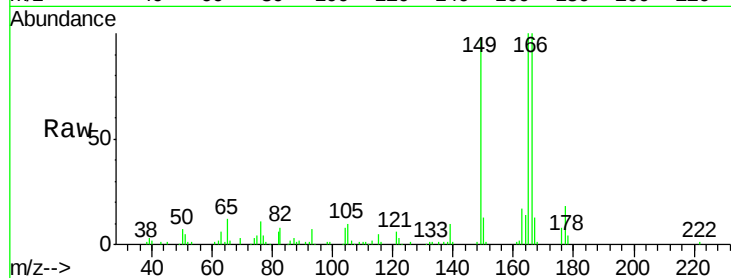




#59
Diethylphthalate
Concen: 28.66 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

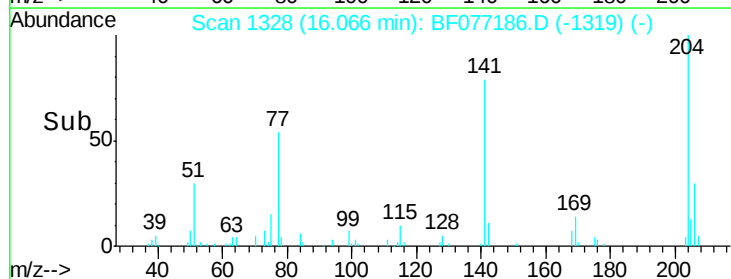
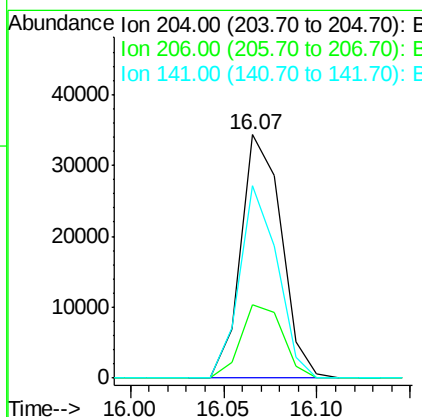
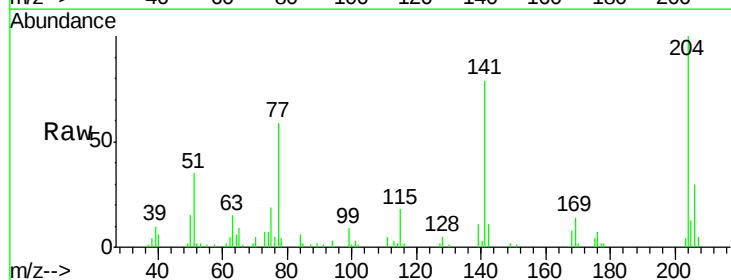
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 125620
Ion Ratio Lower Upper
149 100
177 18.1 15.0 22.6
150 12.8 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 28.78 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:204 Resp: 51887
Ion Ratio Lower Upper
204 100
206 30.2 24.2 36.2
141 79.2 66.7 100.1

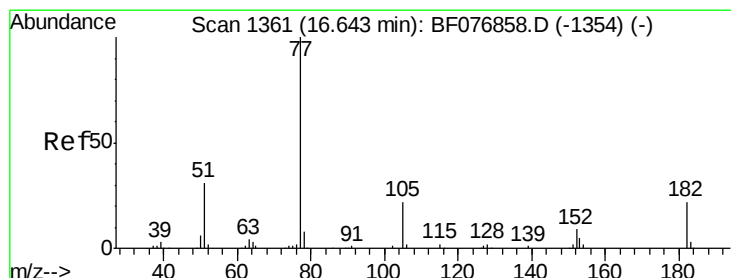
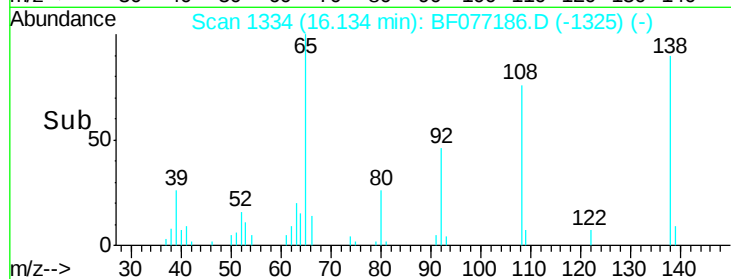
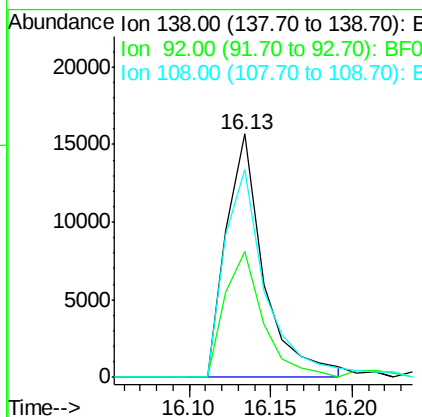
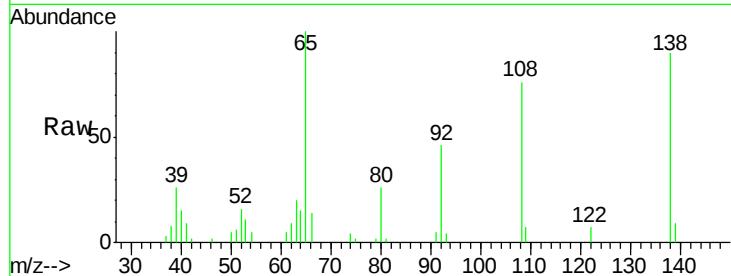




#61
 4-Nitroaniline
 Concen: 23.64 ng
 RT: 16.13 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

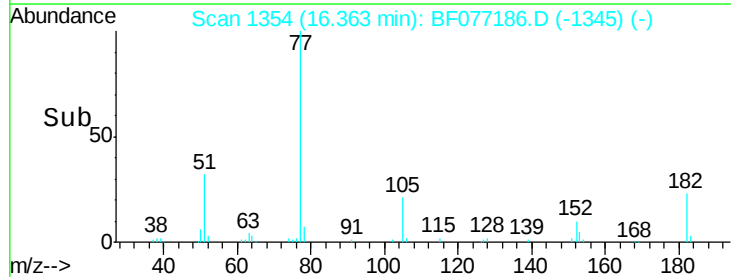
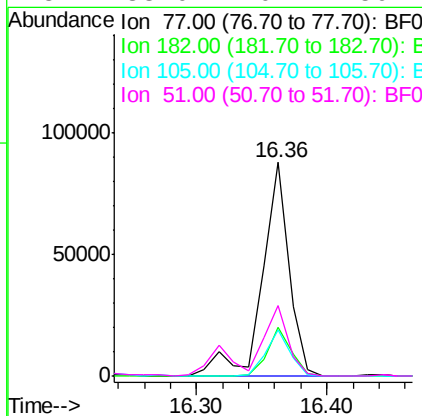
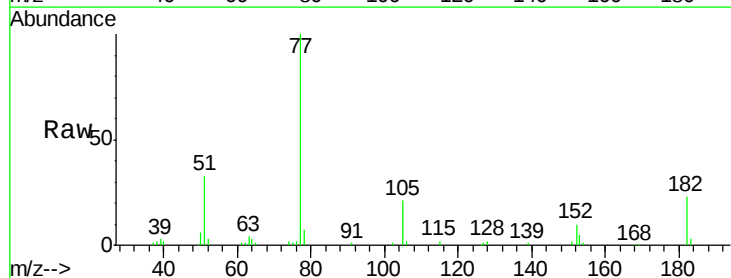
Instrument :
 BNA_F
 ClientSampleId :

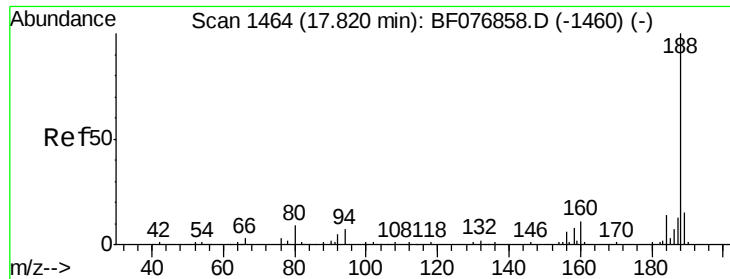
Tot Ion:138 Resp: 25011
 Ion Ratio Lower Upper
 138 100
 92 51.8 26.7 66.7
 108 85.1 64.5 104.5



#62
 Azobenzene
 Concen: 27.85 ng
 RT: 16.36 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion: 77 Resp: 127215
 Ion Ratio Lower Upper
 77 100
 182 22.8 2.0 42.0
 105 21.5 2.3 42.3
 51 33.0 10.7 50.7

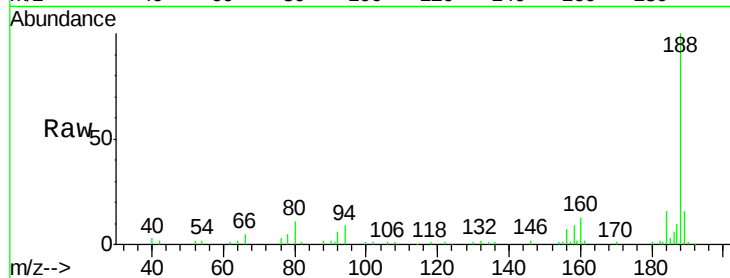




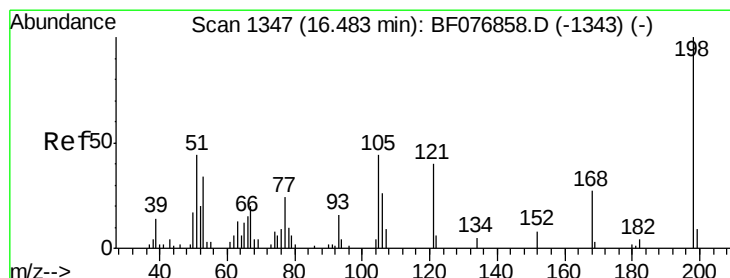
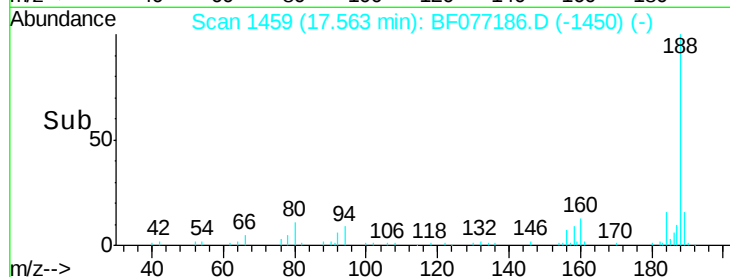
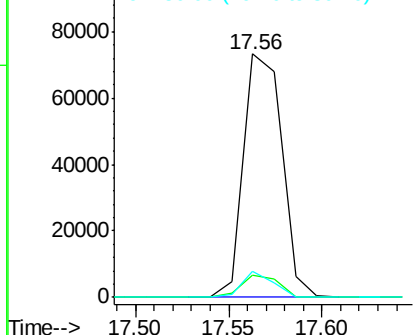
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 104654
 Ion Ratio Lower Upper
 188 100
 94 9.0 6.0 9.0
 80 10.6 6.9 10.3#

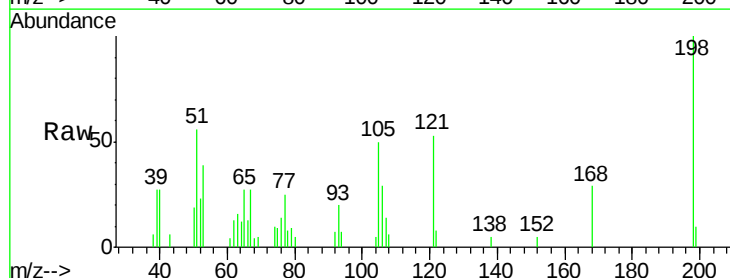


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

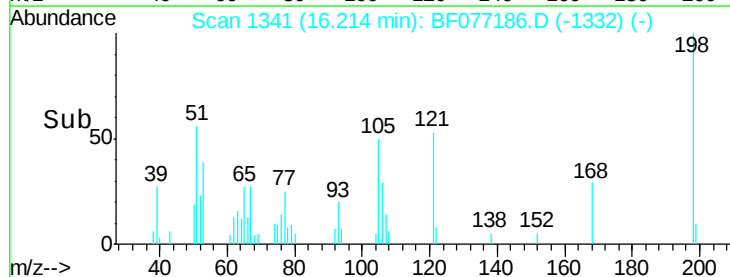
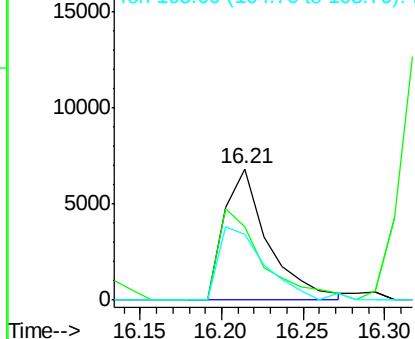


#64
 4,6-Dinitro-2-methylphenol
 Concen: 20.98 ng
 RT: 16.21 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:198 Resp: 12767
 Ion Ratio Lower Upper
 198 100
 51 56.0 24.2 64.2
 105 50.3 24.0 64.0



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

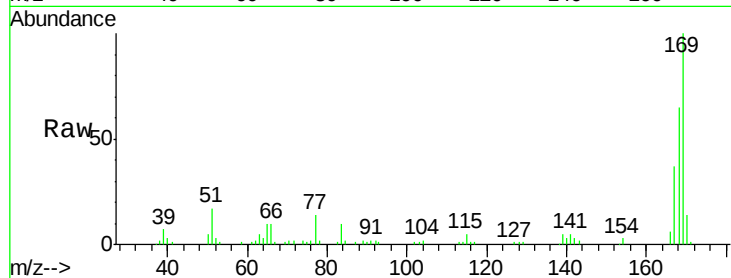




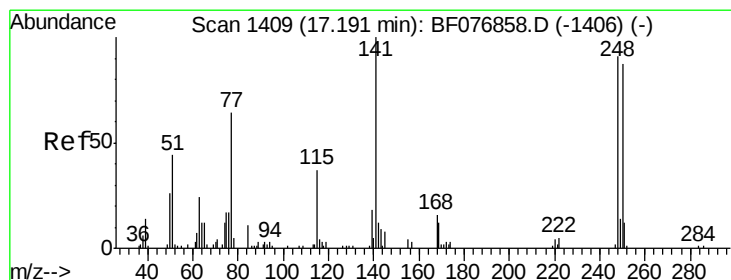
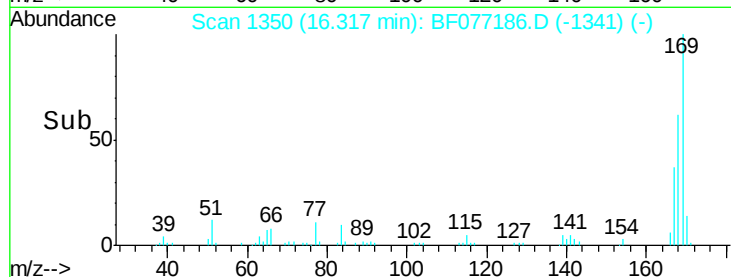
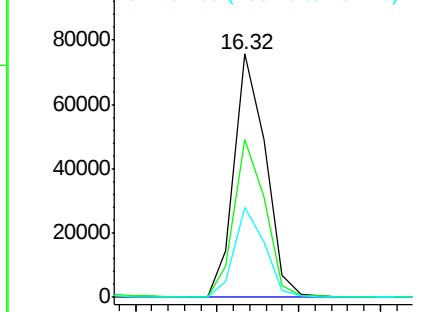
#65
n-Nitrosodiphenylamine
Concen: 27.16 ng
RT: 16.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.0	53.8	80.6
167	37.0	27.8	41.6

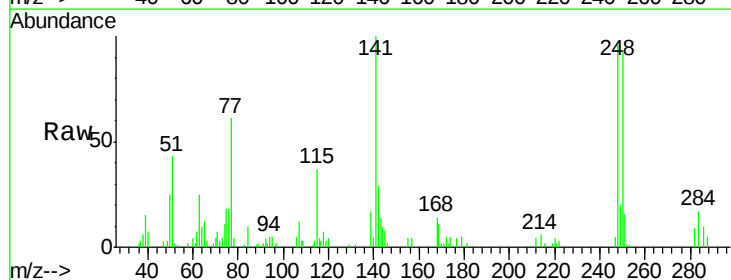


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

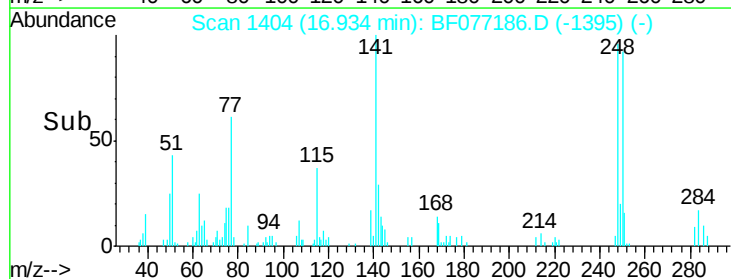
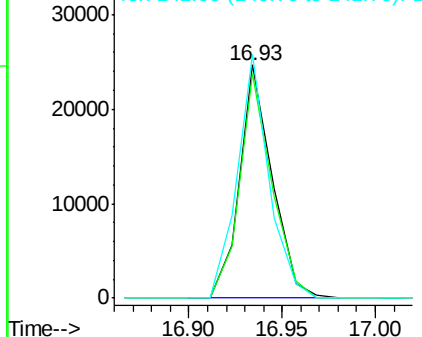


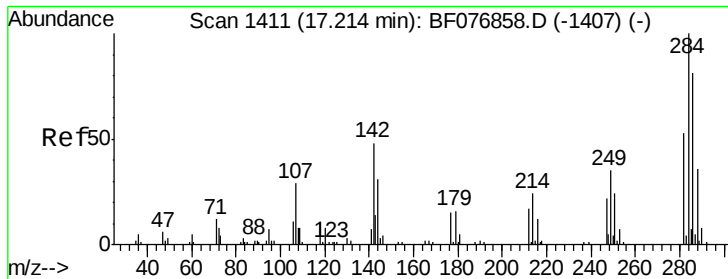
#66
4-Bromophenyl-phenylether
Concen: 28.28 ng
RT: 16.93 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.1	115.7
141	104.5	88.2	132.4



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

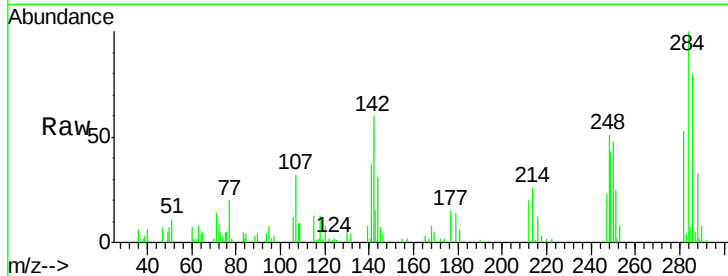




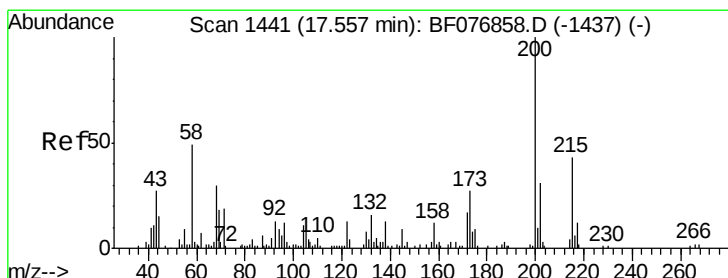
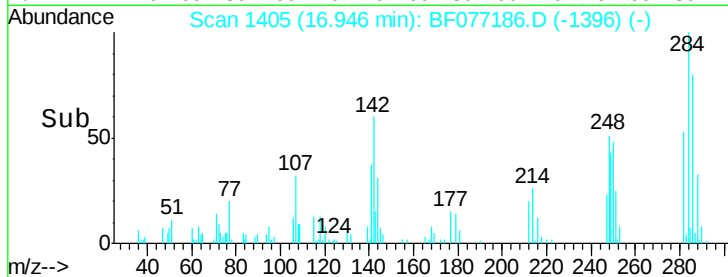
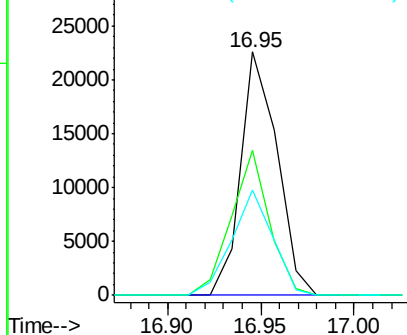
#67
Hexachlorobenzene
Concen: 27.28 ng
RT: 16.95 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 30481
Ion Ratio Lower Upper
284 100
142 59.6 38.2 57.4#
249 43.3 28.2 42.2#

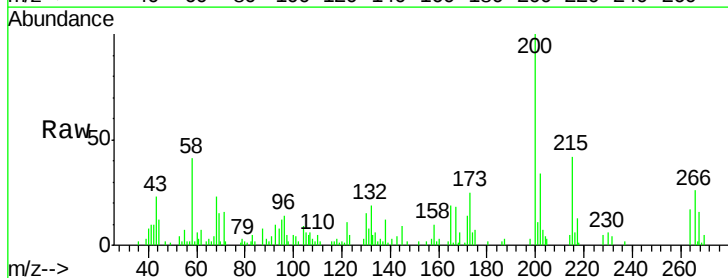


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

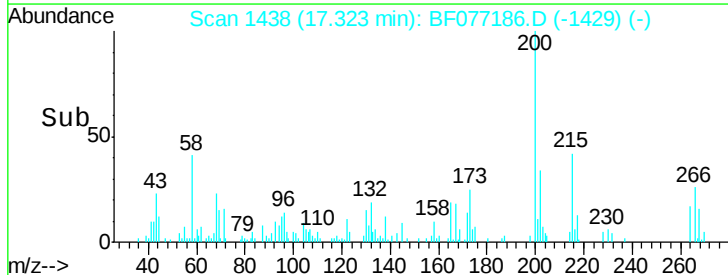
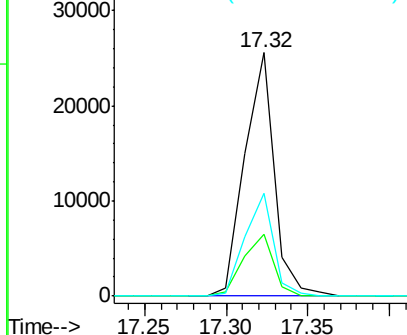


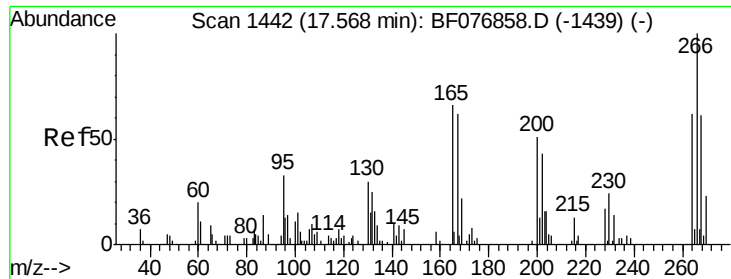
#68
Atrazine
Concen: 28.47 ng
RT: 17.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:200 Resp: 32237
Ion Ratio Lower Upper
200 100
173 25.3 6.6 46.6
215 42.1 22.9 62.9



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

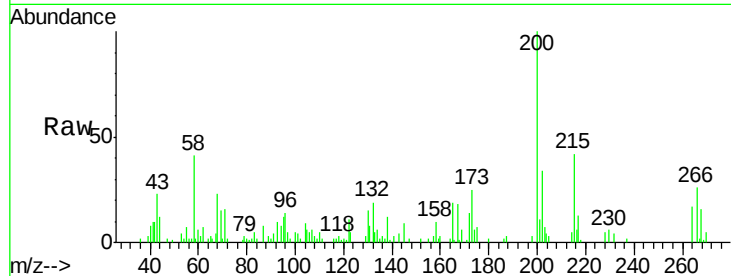




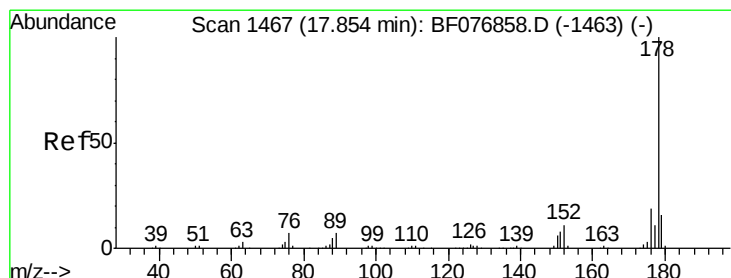
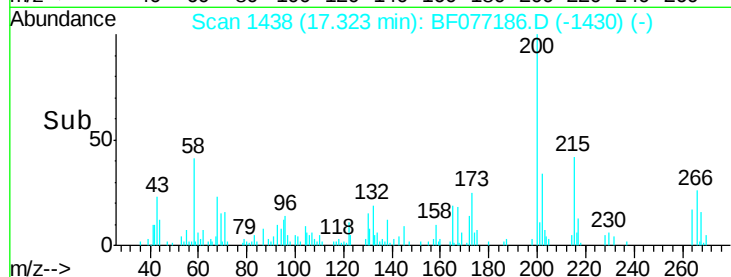
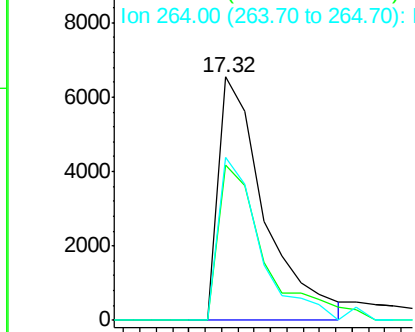
#69
 Pentachlorophenol
 Concen: 29.84 ng
 RT: 17.32 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 12863
 Ion Ratio Lower Upper
 266 100
 268 63.9 48.6 72.8
 264 67.0 49.5 74.3

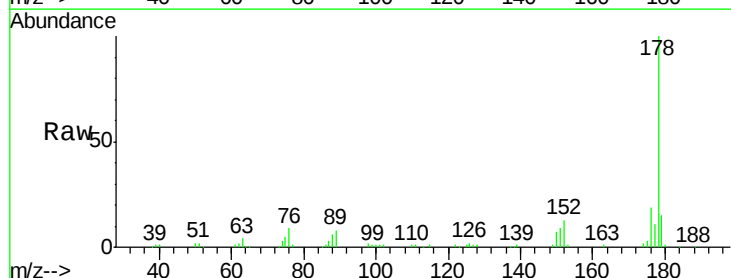


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

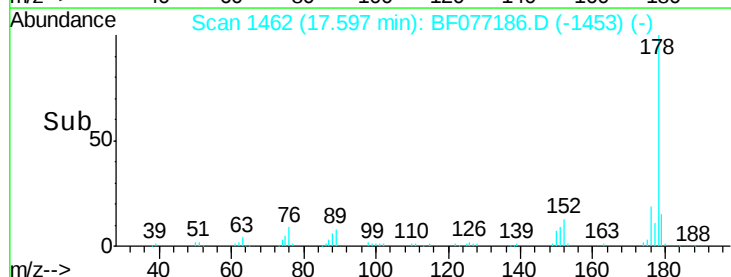
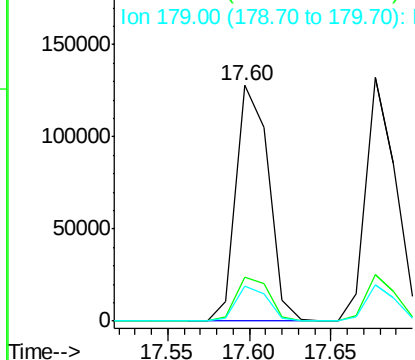


#70
 Phenanthrene
 Concen: 26.99 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:178 Resp: 176142
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 14.8 12.7 19.1



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

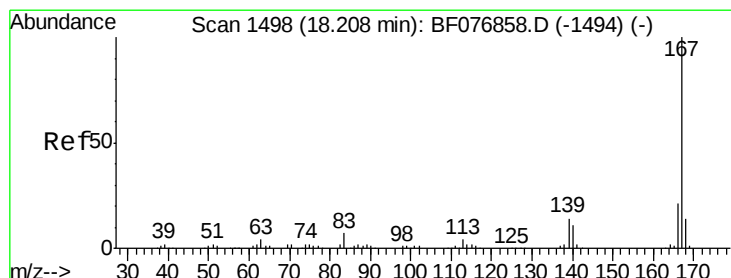
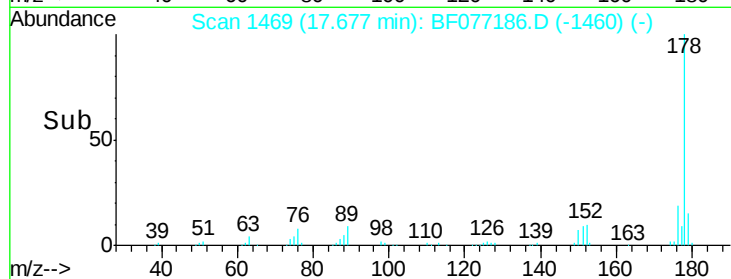
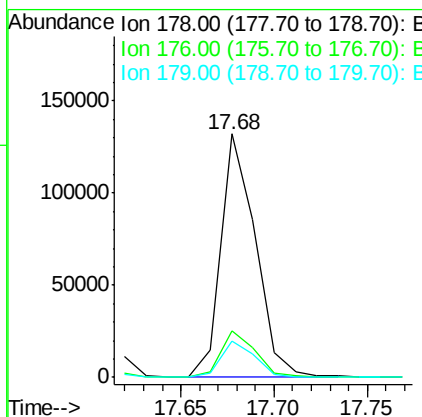
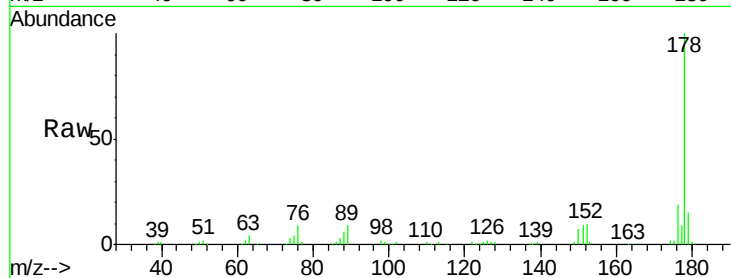




#71
 Anthracene
 Concen: 26.79 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

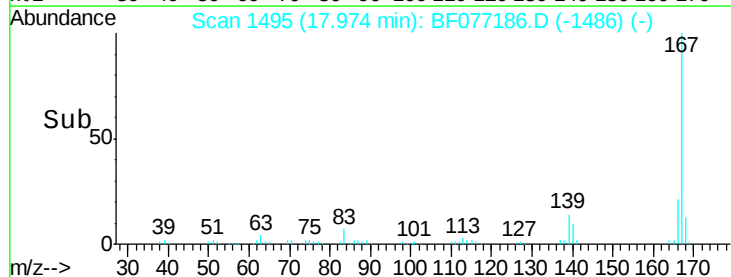
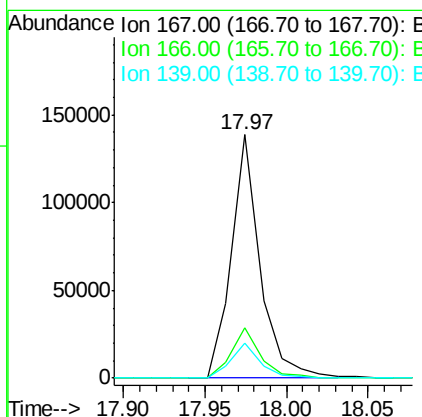
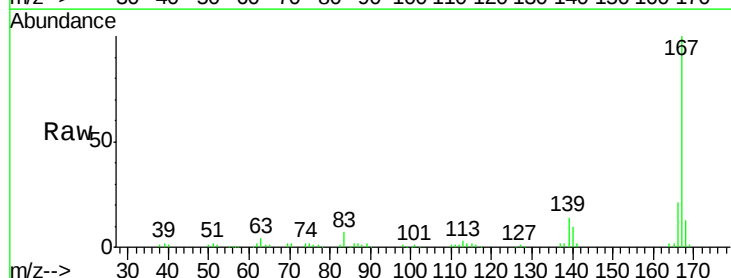
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 170478
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 14.7 11.9 17.9



#72
 Carbazole
 Concen: 27.35 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:167 Resp: 168820
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.0 25.6
 139 14.4 11.3 16.9

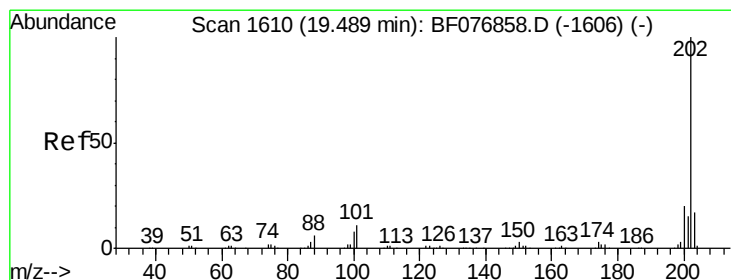
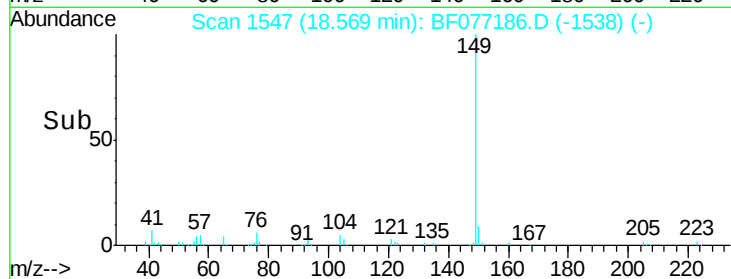
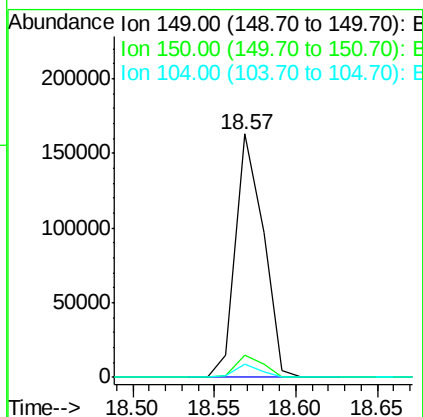
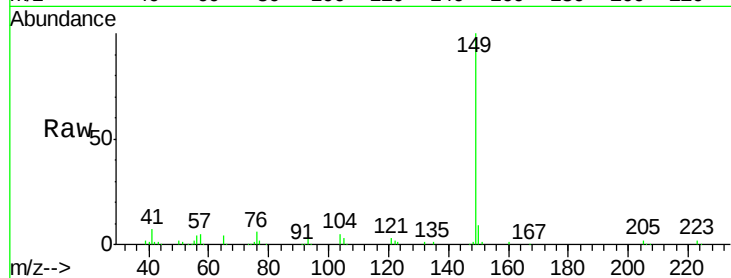




#73
Di-n-butylphthalate
Concen: 26.90 ng
RT: 18.57 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

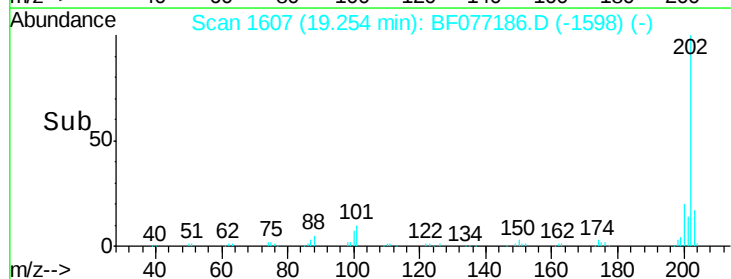
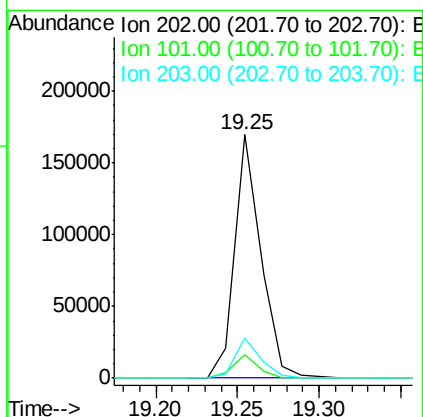
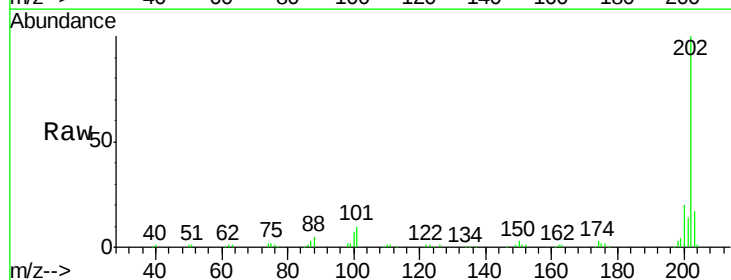
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 192201
Ion Ratio Lower Upper
149 100
150 9.0 6.9 10.3
104 5.3 3.7 5.5



#74
Fluoranthene
Concen: 28.17 ng
RT: 19.25 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:202 Resp: 188387
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.7
203 16.7 0.0 36.9

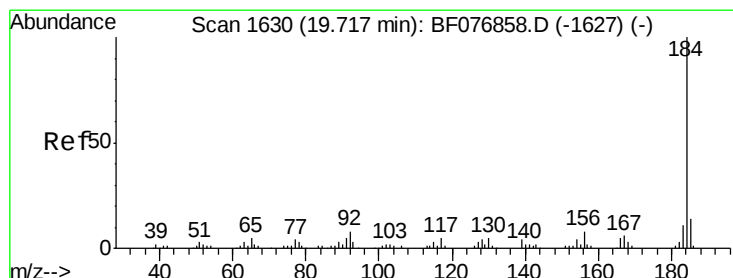
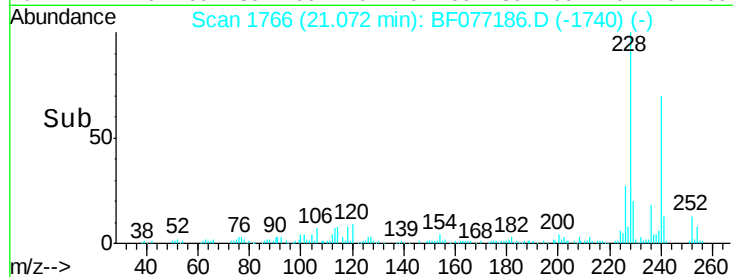
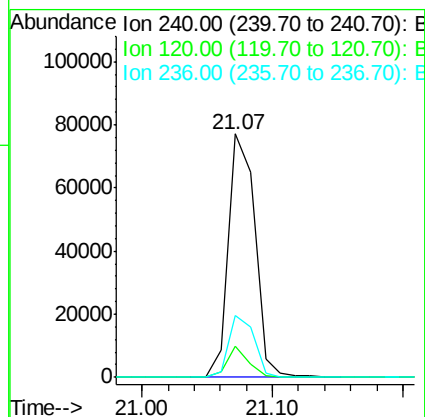
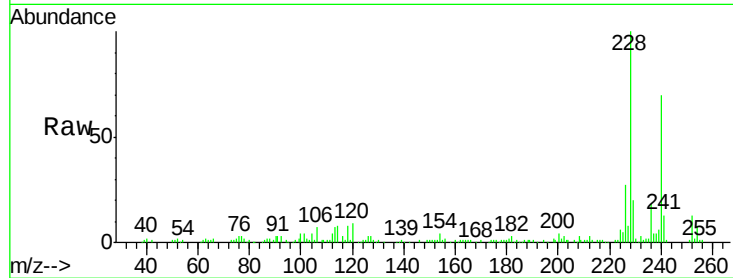




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.07 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

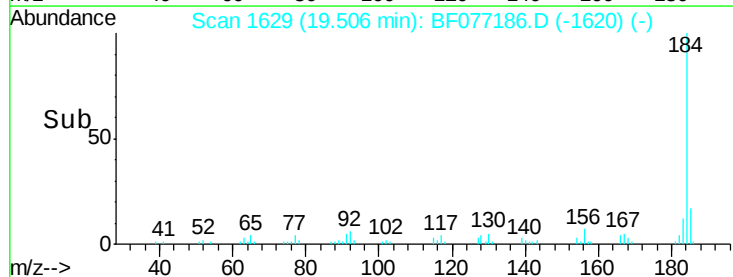
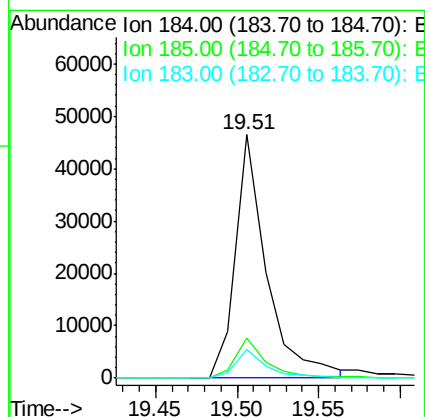
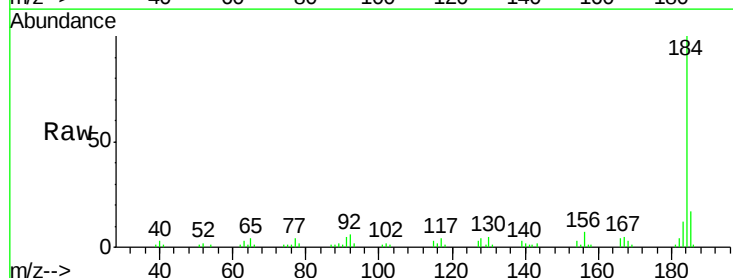
Instrument :
 BNA_F
 ClientSampleId :

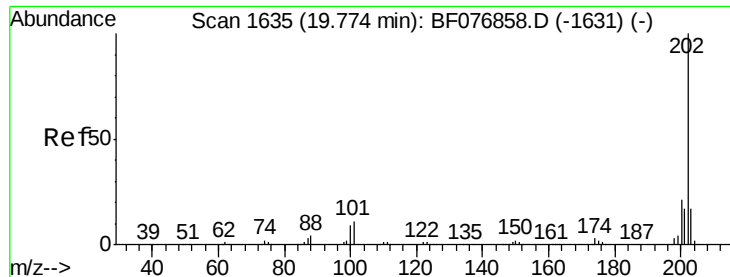
Tot Ion:240 Resp: 108906
 Ion Ratio Lower Upper
 240 100
 120 12.7 10.4 15.6
 236 25.5 20.2 30.2



#76
 Benzidine
 Concen: 17.68 ng
 RT: 19.51 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:184 Resp: 61601
 Ion Ratio Lower Upper
 184 100
 185 16.7 11.4 17.2
 183 11.5 9.0 13.6

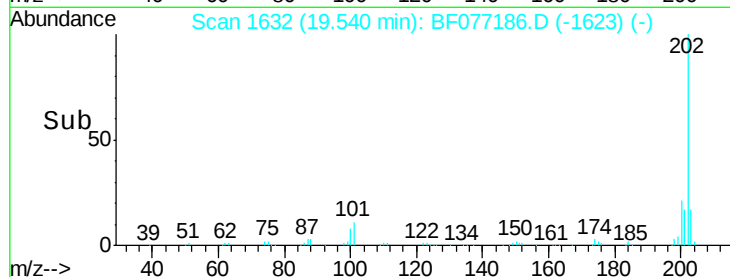
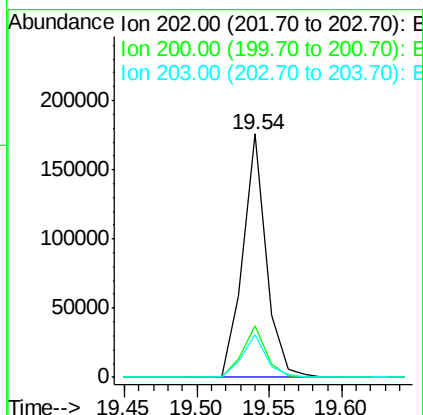
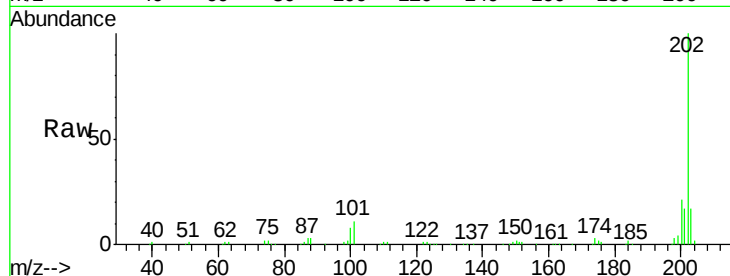




#77
 Pvrene
 Concen: 26.53 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

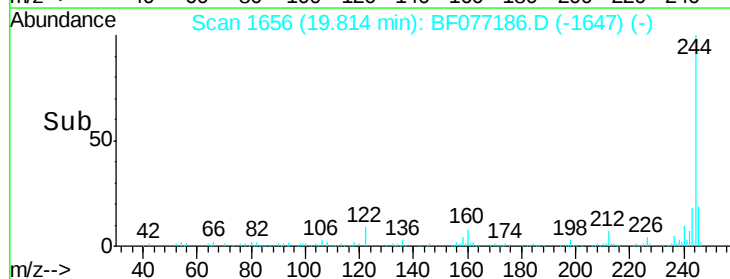
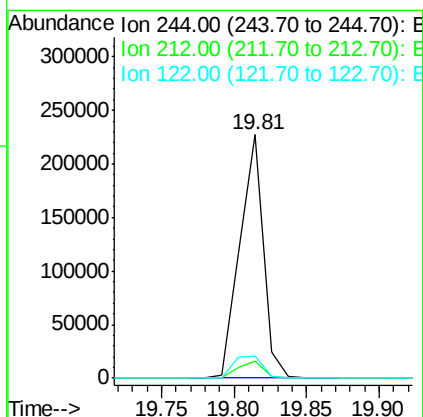
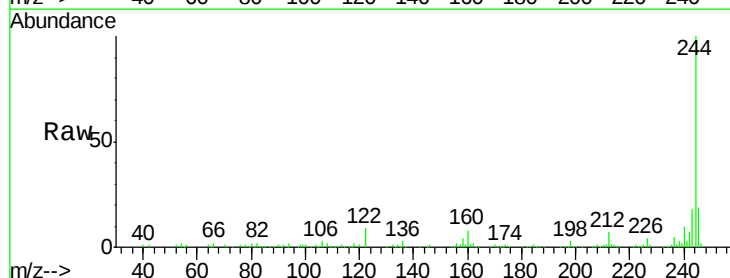
Instrument :
 BNA_F
 ClientSampleId :

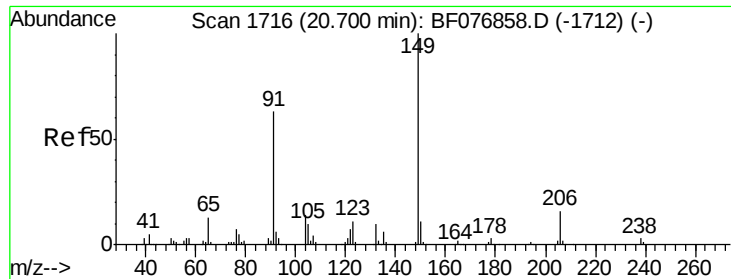
Tot Ion:202 Resp: 197994
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.7 25.1
 203 17.3 14.0 21.0



#78
 Terphenyl-d14
 Concen: 54.19 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:244 Resp: 256370
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.3 9.5
 122 9.3 10.1 15.1#

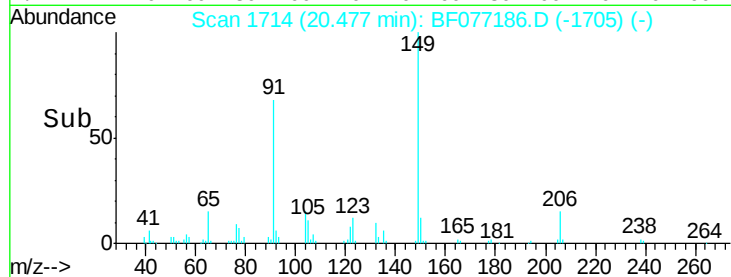
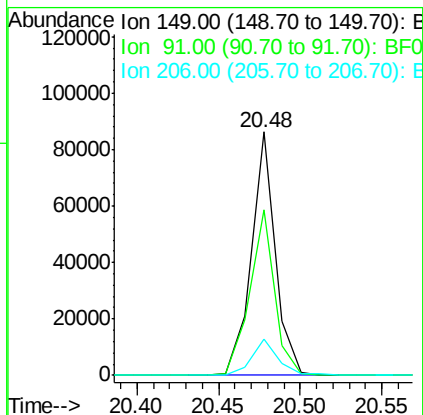
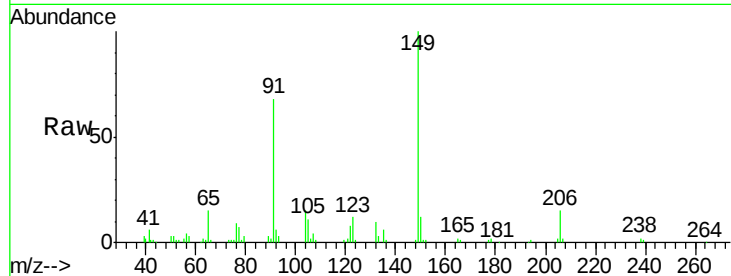




#79
Butylbenzylphthalate
Concen: 25.95 ng
RT: 20.48 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

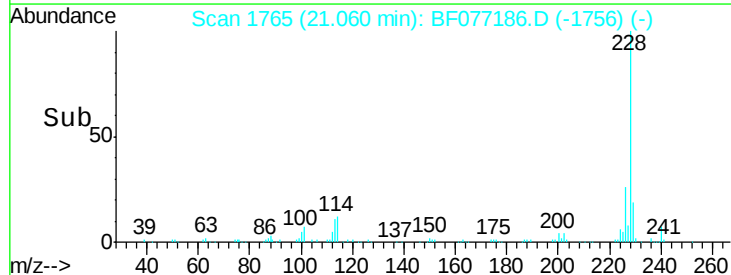
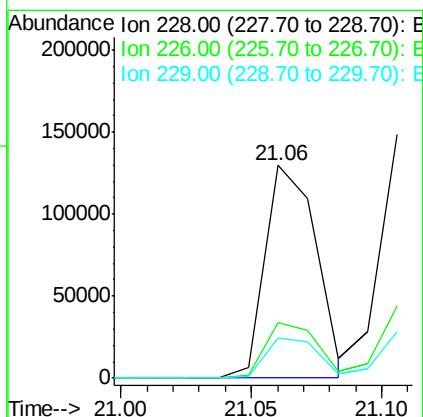
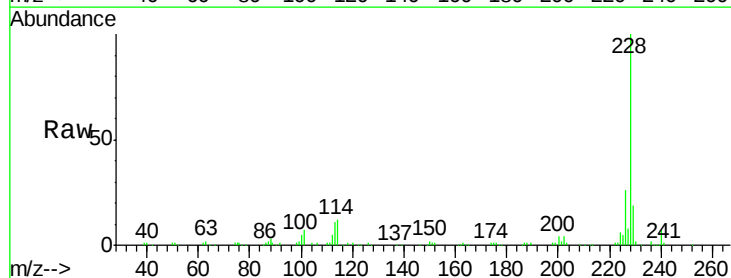
Instrument :
BNA_F
ClientSampled :

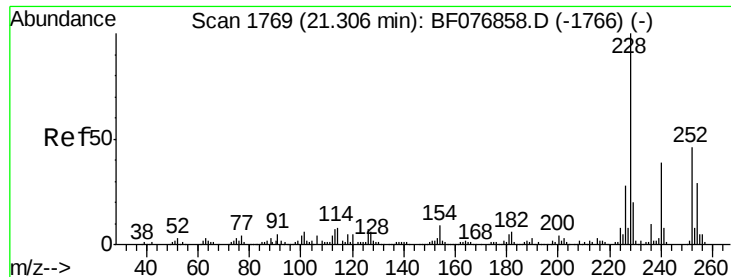
Tot Ion:149 Resp: 87710
Ion Ratio Lower Upper
149 100
91 67.9 50.6 76.0
206 15.0 12.8 19.2



#80
Benzo(a)anthracene
Concen: 25.92 ng
RT: 21.06 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:228 Resp: 177096
Ion Ratio Lower Upper
228 100
226 26.0 22.1 33.1
229 19.1 15.5 23.3

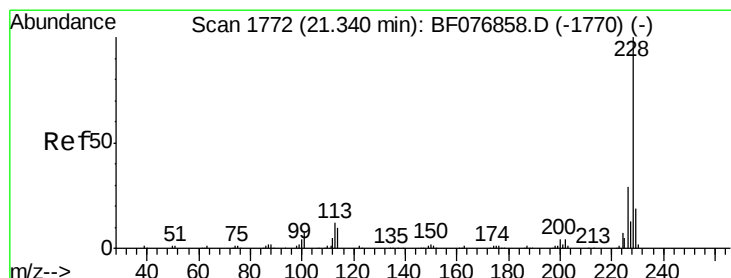
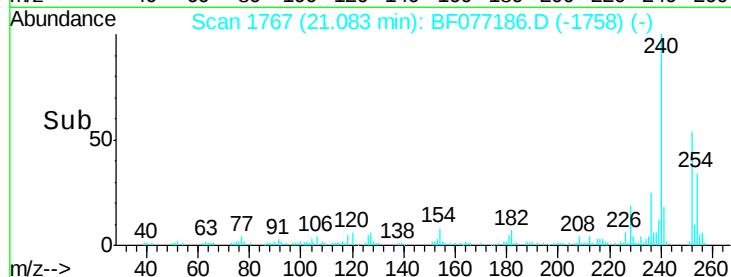
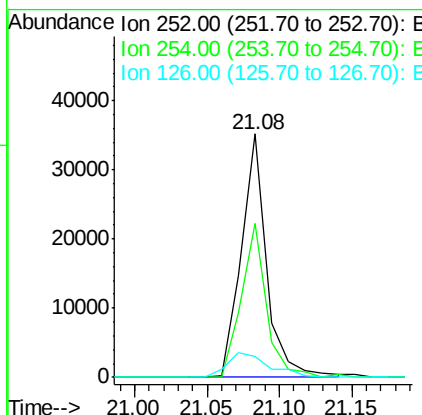
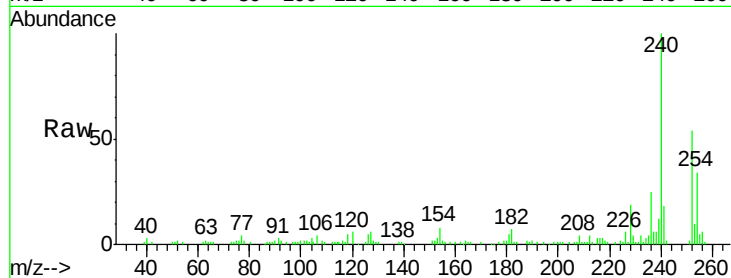




#81
 3,3'-Dichlorobenzidine
 Concen: 19.63 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

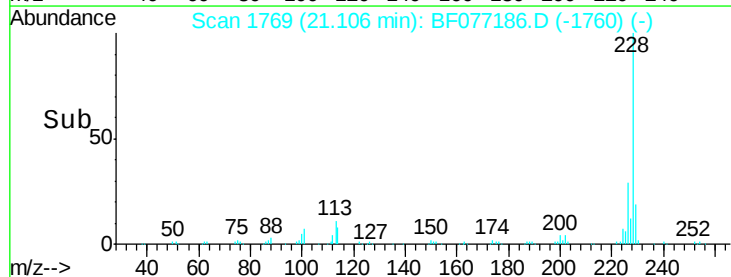
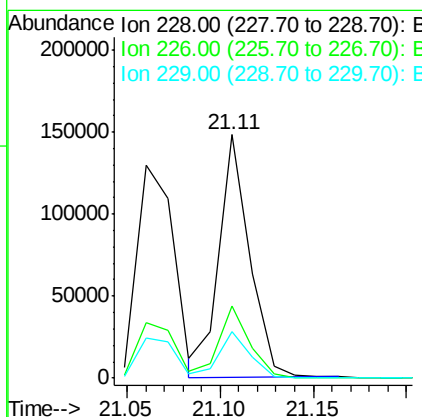
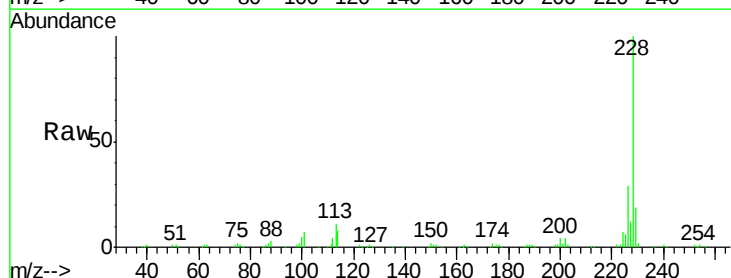
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 42626
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.2 75.4
 126 8.5 11.5 17.3#



#82
 Chrysene
 Concen: 27.30 ng
 RT: 21.11 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:228 Resp: 170111
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.4 35.0
 229 19.2 15.4 23.0

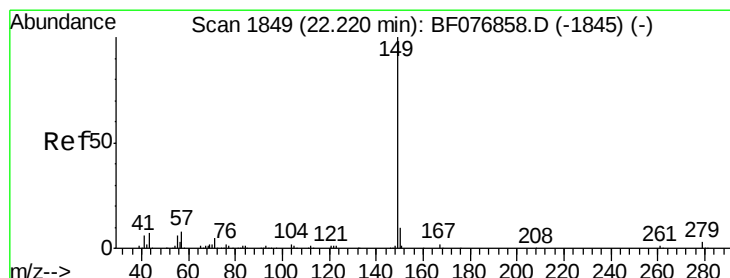
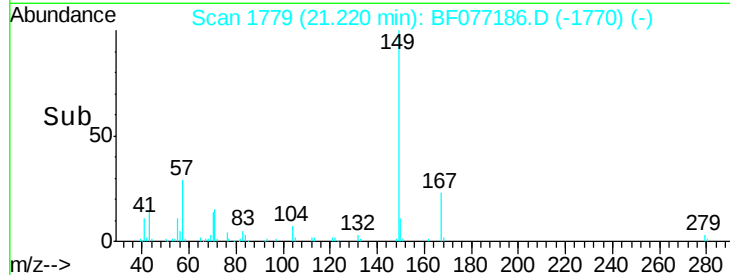
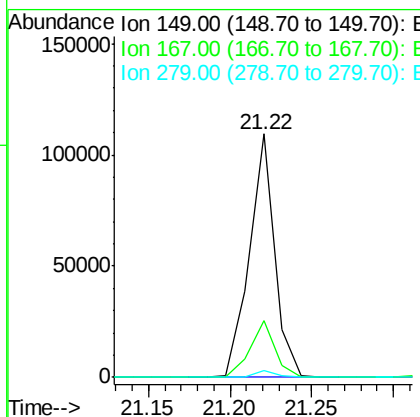
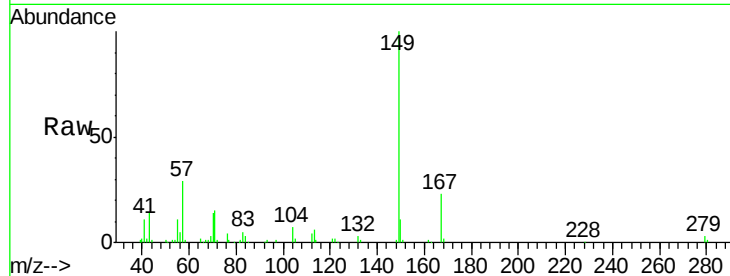




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.16 ng
 RT: 21.22 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

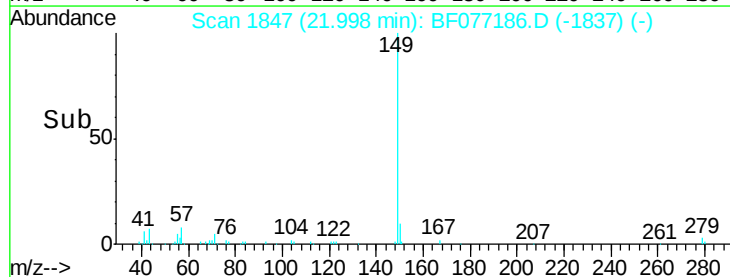
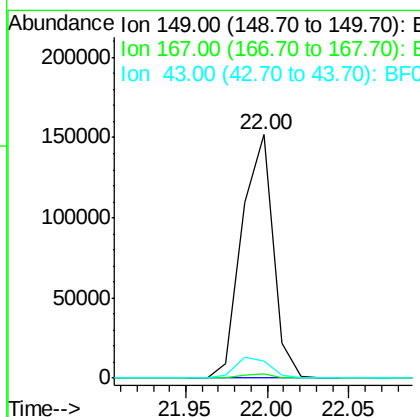
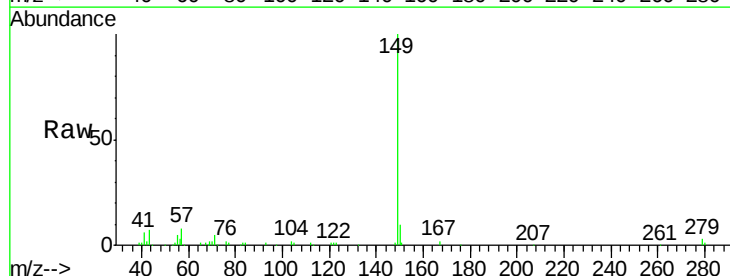
Instrument :
 BNA_F
 ClientSampled :

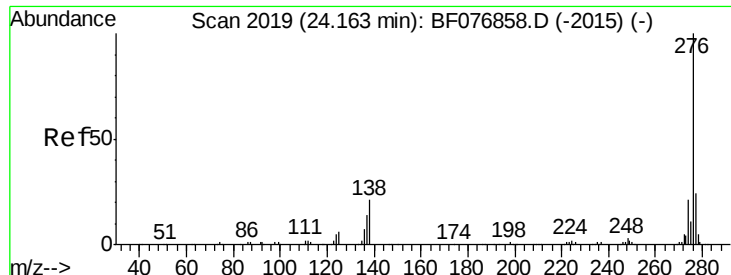
Tot Ion:149 Resp: 117685
 Ion Ratio Lower Upper
 149 100
 167 23.2 20.6 30.8
 279 2.9 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 24.89 ng
 RT: 22.00 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF077186.D
 Acq: 5 Feb 2015 15:57

Tgt Ion:149 Resp: 202018
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 9.1 6.6 10.0

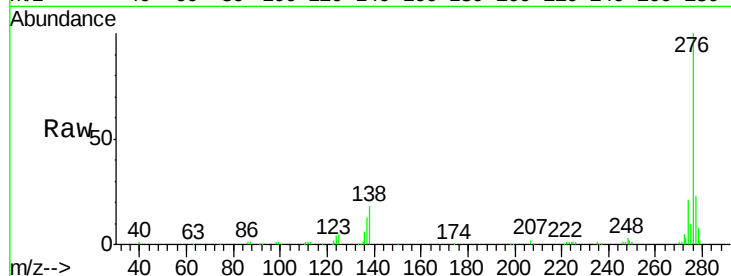




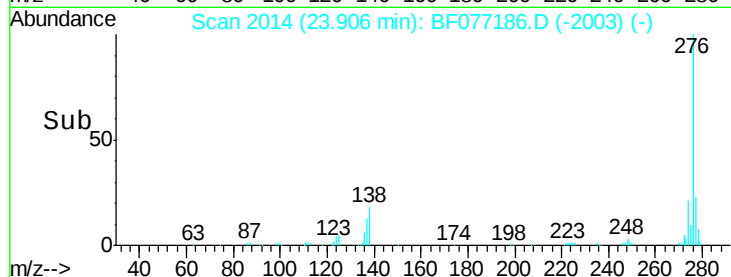
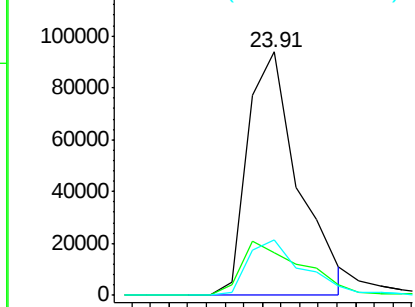
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.76 ng
RT: 23.91 min Scan# 2014
Delta R.T. 0.02 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 176713
Ion Ratio Lower Upper
276 100
138 26.3 14.6 22.0#
277 24.5 14.8 22.2#

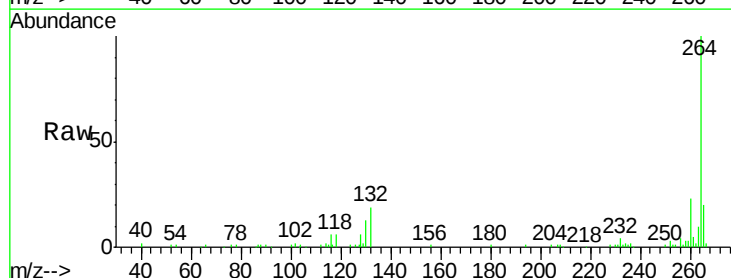


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

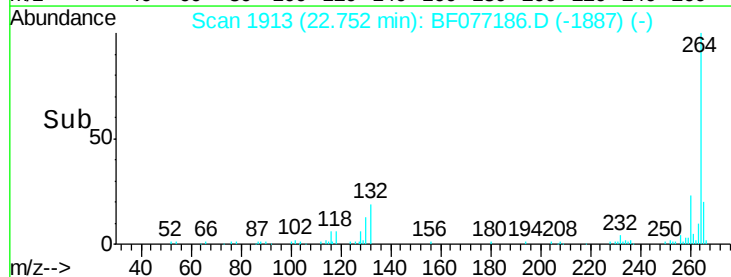
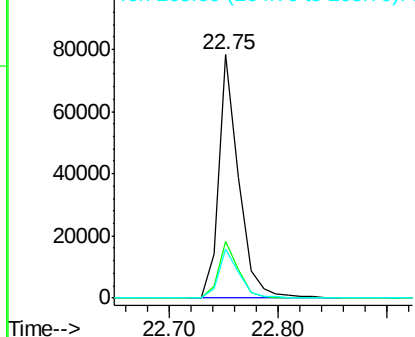


#86
Perylene-d12
Concen: 20.00 ng
RT: 22.75 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:264 Resp: 100588
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 20.1 18.1 27.1



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

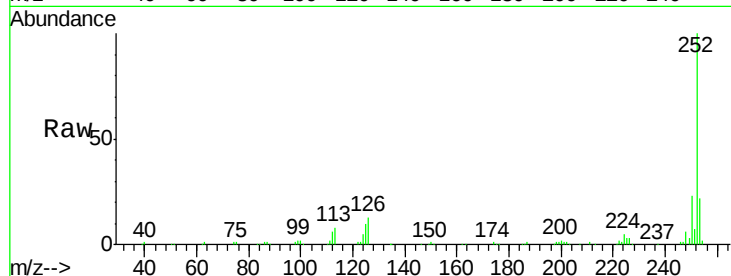




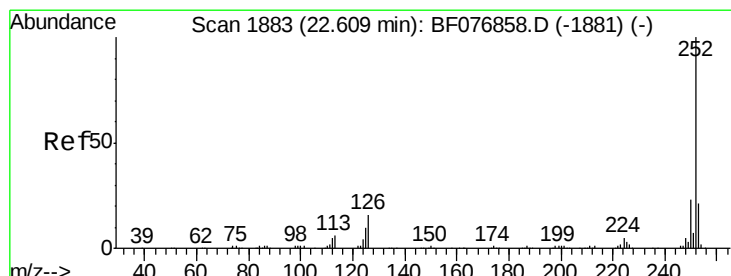
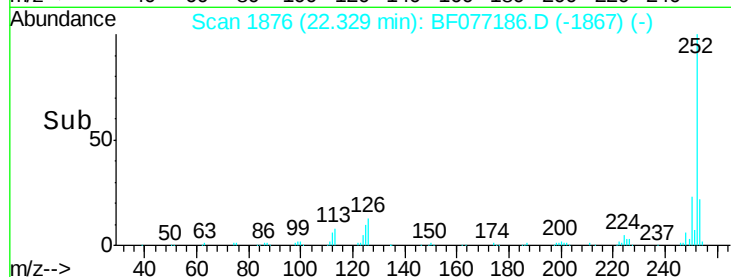
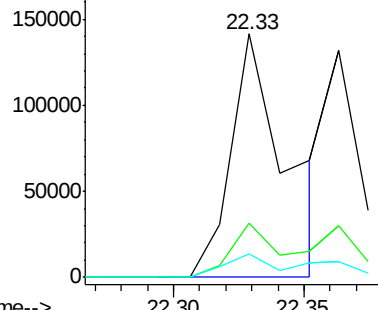
#87
Benzo(b)fluoranthene
Concen: 30.38 ng
RT: 22.33 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 205817
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.6 9.4 14.0

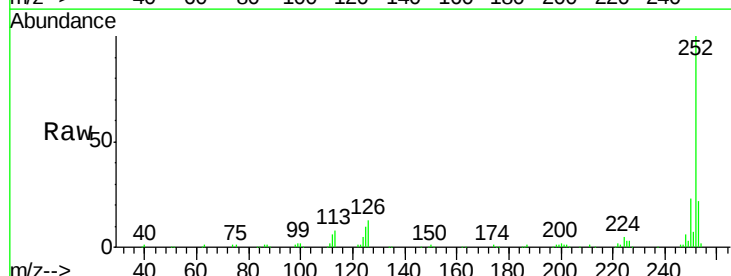


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

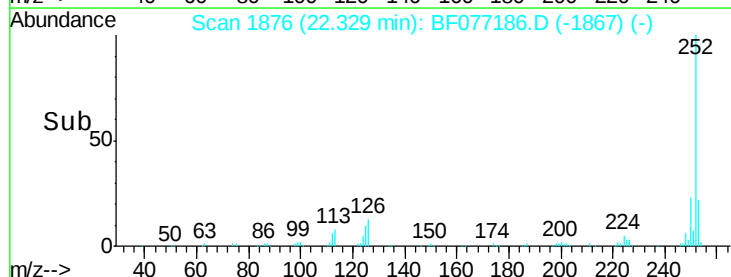
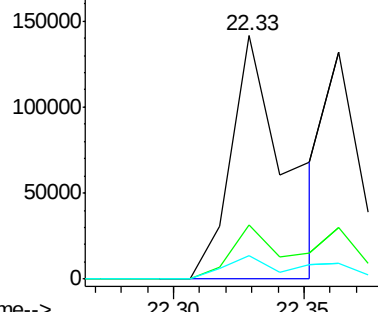


#88
Benzo(k)fluoranthene
Concen: 34.77 ng
RT: 22.33 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:252 Resp: 205817
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.6 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

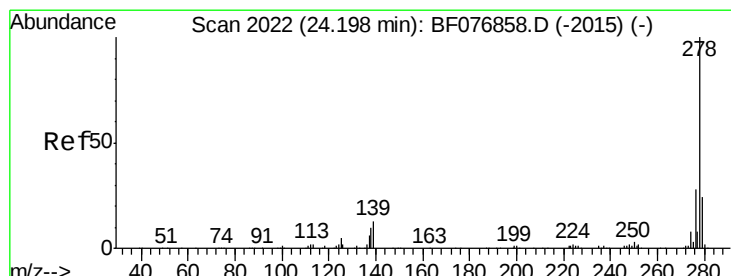
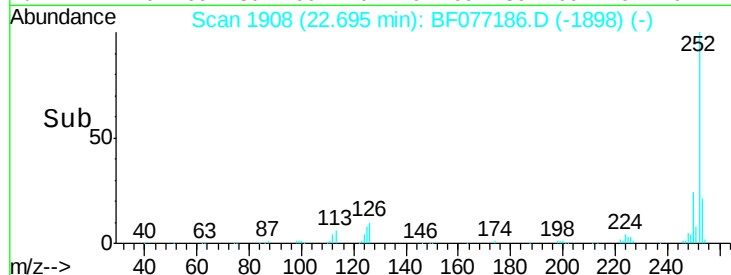
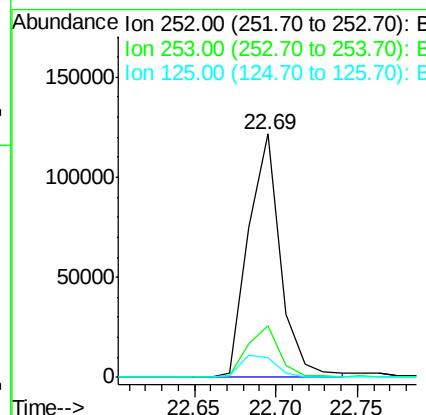
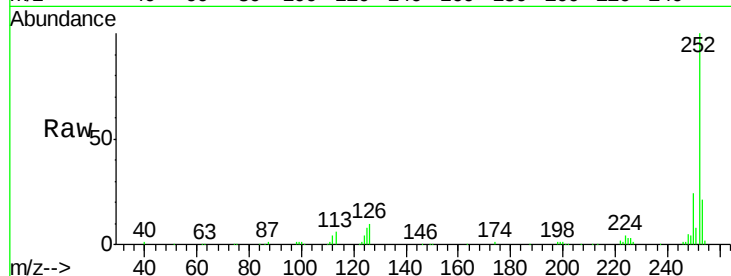




#89
Benzo(a)pyrene
Concen: 27.75 ng
RT: 22.69 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

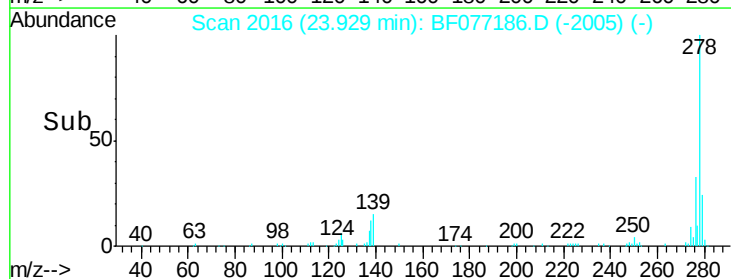
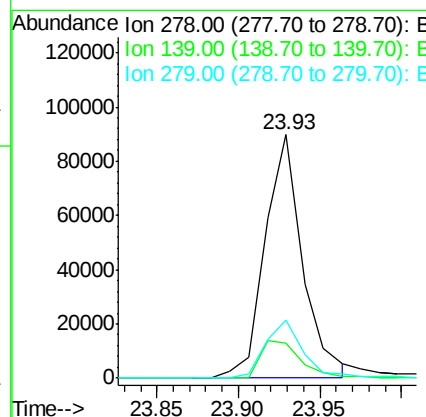
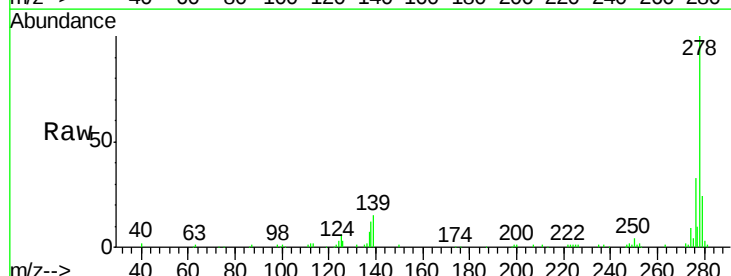
Instrument :
BNA_F
ClientSampleId :

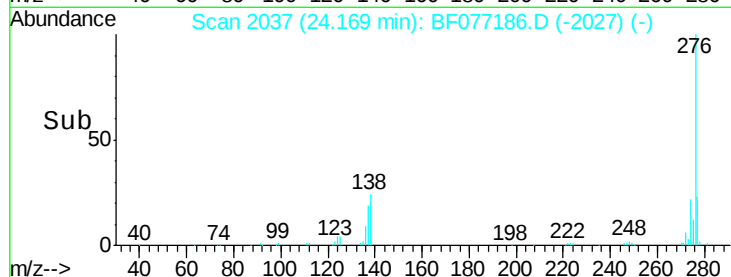
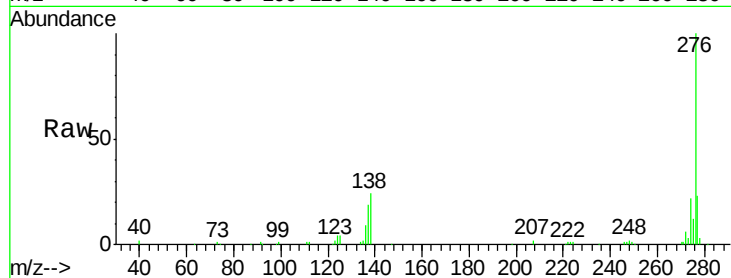
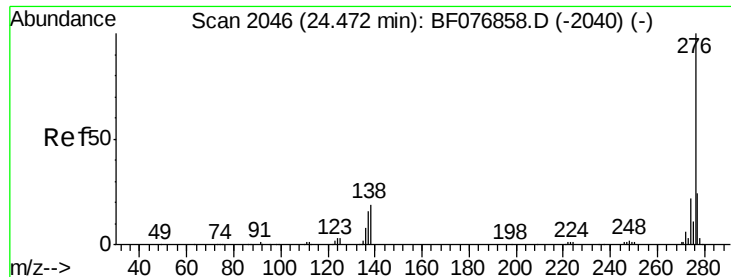
Tot Ion:252 Resp: 165804
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 8.1 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 26.29 ng
RT: 23.93 min Scan# 2016
Delta R.T. 0.02 min
Lab File: BF077186.D
Acq: 5 Feb 2015 15:57

Tgt Ion:278 Resp: 144129
Ion Ratio Lower Upper
278 100
139 14.6 10.5 15.7
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 26.80 ng

RT: 24.17 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF077186.D

Acq: 5 Feb 2015 15:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 146080

Ion Ratio Lower Upper

276 100

277 23.2 19.5 29.3

138 23.6 15.0 22.6#

