

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077962.D
 Acq On : 25 Mar 2015 20:22
 Operator : TP/IZ
 Sample : PB82321BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Quant Time: Mar 26 04:08:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	43340	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	182584	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	95548	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	187382	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	211489	20.00	ng	0.01
86) Perylene-d12	17.81	264	201337	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	248394	100.04	ng	0.00
7) Phenol-d6	6.67	99	300191	97.86	ng	0.00
23) Nitrobenzene-d5	7.79	82	175731	63.09	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	82305	90.03	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	406886	62.58	ng	0.00
78) Terphenyl-d14	14.67	244	497381	57.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	29595	26.25	ng	# 100
3) Pyridine	2.64	79	78756	26.00	ng	92
4) n-Nitrosodimethylamine	2.57	42	32722	24.81	ng	97
6) Aniline	6.68	93	68880	15.70	ng	# 47
8) 2-Chlorophenol	6.83	128	94385	31.94	ng	88
9) Benzaldehyde	6.53	77	4162	3.31	ng	88
10) Phenol	6.69	94	115849	31.95	ng	# 69
11) bis(2-Chloroethyl)ether	6.78	93	86426	31.82	ng	90
12) 1,3-Dichlorobenzene	7.01	146	98615	30.00	ng	98
13) 1,4-Dichlorobenzene	7.12	146	100360	29.38	ng	98
14) 1,2-Dichlorobenzene	7.30	146	97853	31.25	ng	98
15) Benzyl Alcohol	7.29	79	77045	32.17	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.46	45	114623	31.31	ng	99
17) 2-Methylphenol	7.44	107	75672	31.45	ng	97
18) Hexachloroethane	7.71	117	34231	30.56	ng	95
19) n-Nitroso-di-n-propylamine	7.62	70	67301	31.71	ng	97
20) 3+4-Methylphenols	7.63	107	102555	32.48	ng	94
22) Acetophenone	7.61	105	130824	32.37	ng	# 93
24) Nitrobenzene	7.81	77	95883	31.95	ng	91
25) Isophorone	8.11	82	170805	30.36	ng	# 92
26) 2-Nitrophenol	8.20	139	45065	30.68	ng	# 74
27) 2,4-Dimethylphenol	8.28	122	89831	33.56	ng	98
28) bis(2-Chloroethoxy)methane	8.40	93	106950	31.32	ng	99
29) 2,4-Dichlorophenol	8.51	162	83432	32.70	ng	98
30) 1,2,4-Trichlorobenzene	8.60	180	83537	29.27	ng	94
31) Naphthalene	8.69	128	270985	28.90	ng	100
32) Benzoic acid	8.40	122	37294	26.46	ng	98
33) 4-Chloroaniline	8.78	127	62189	16.34	ng	98
34) Hexachlorobutadiene	8.85	225	48401	29.92	ng	98
35) Caprolactam	9.21	113	26103	35.01	ng	# 87
36) 4-Chloro-3-methylphenol	9.39	107	83371	32.48	ng	# 82
37) 2-Methylnaphthalene	9.56	142	198288	31.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.77	216	82805	29.06	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	79113	56.43	ng	95

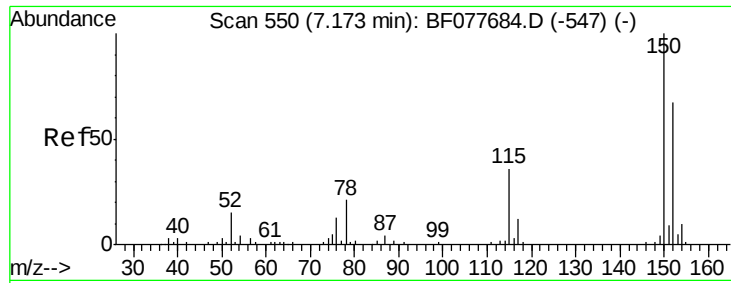
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077962.D
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 Operator : TP/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	60881	30.84	nq	99
43) 2,4,5-Trichlorophenol	9.96	196	62979	29.53	nq	# 93
45) 1,1'-Biphenyl	10.13	154	229529	30.05	nq	96
46) 2-Chloronaphthalene	10.16	162	185679	29.91	nq	94
47) 2-Nitroaniline	10.29	65	51488	33.40	nq	99
48) Acenaphthylene	10.67	152	291370	28.23	nq	98
49) Dimethylphthalate	10.53	163	230142	32.48	nq	99
50) 2,6-Dinitrotoluene	10.60	165	48037	32.70	nq	94
51) Acenaphthene	10.88	154	168486	28.47	nq	98
52) 3-Nitroaniline	10.81	138	37244	21.83	nq	99
53) 2,4-Dinitrophenol	10.95	184	36423	68.75	nq	# 66
54) Dibenzofuran	11.09	168	268688	30.61	nq	96
55) 4-Nitrophenol	11.04	139	81592	64.56	nq	92
56) 2,4-Dinitrotoluene	11.09	165	64664	33.76	nq	95
57) Fluorene	11.52	166	217863	29.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	54279	33.05	nq	# 100
59) Diethylphthalate	11.40	149	216867	31.41	nq	96
60) 4-Chlorophenyl-phenylether	11.53	204	98348	29.57	nq	# 89
61) 4-Nitroaniline	11.55	138	51466	30.27	nq	76
62) Azobenzene	11.72	77	203642	30.86	nq	92
64) 4,6-Dinitro-2-methylphenol	11.60	198	28180	33.30	nq	92
65) n-Nitrosodiphenylamine	11.68	169	192831	30.91	nq	99
66) 4-Bromophenyl-phenylether	12.13	248	61614	30.81	nq	# 90
67) Hexachlorobenzene	12.19	284	67533	30.73	nq	96
68) Atrazine	12.36	200	59878	34.24	nq	97
69) Pentachlorophenol	12.44	266	67707	59.65	nq	98
70) Phenanthrene	12.71	178	335702	31.21	nq	100
71) Anthracene	12.77	178	340655	32.05	nq	98
72) Carbazole	12.98	167	329973	32.64	nq	99
73) Di-n-butylphthalate	13.44	149	379061	33.44	nq	99
74) Fluoranthene	14.18	202	383102	32.29	nq	99
76) Benzidine	14.36	184	157003	29.89	nq	99
77) Pyrene	14.45	202	391791	29.46	nq	100
79) Butylbenzylphthalate	15.30	149	170925	32.60	nq	95
80) Benzo(a)anthracene	15.97	228	371751	29.65	nq	99
81) 3,3'-Dichlorobenzidine	15.95	252	85372	20.64	nq	97
82) Chrysene	16.02	228	358186	31.78	nq	99
83) Bis(2-ethylhexyl)phthalate	16.05	149	256444	32.29	nq	99
84) Di-n-octyl phthalate	16.89	149	437466	32.21	nq	100
85) Indeno(1,2,3-cd)pyrene	19.21	276	398602	28.33	nq	# 100
87) Benzo(b)fluoranthene	17.35	252	355257	27.03	nq	# 97
88) Benzo(k)fluoranthene	17.38	252	361827m	35.24	nq	
89) Benzo(a)pyrene	17.75	252	354759	32.35	nq	# 96
90) Dibenzo(a,h)anthracene	19.24	278	333891	30.70	nq	98
91) Benzo(g,h,i)perylene	19.61	276	336137	30.35	nq	98

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

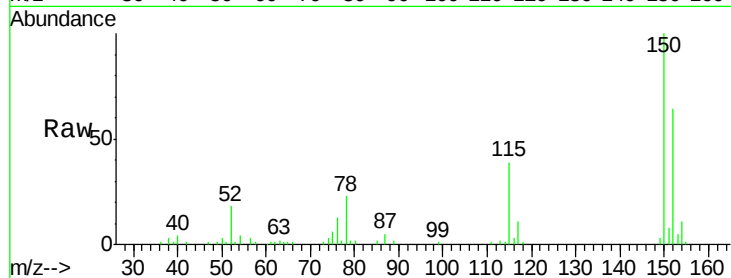


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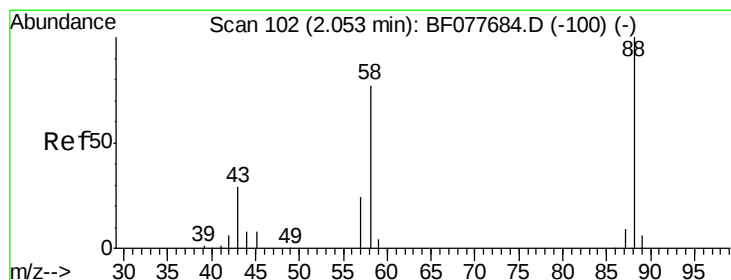
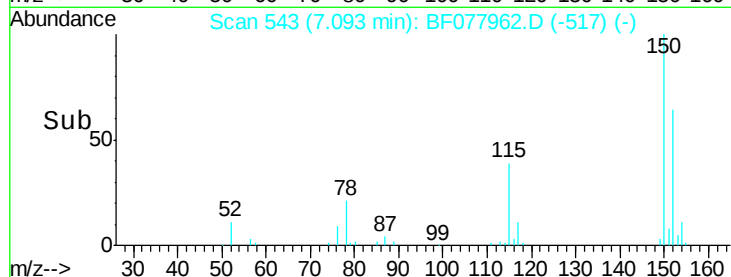
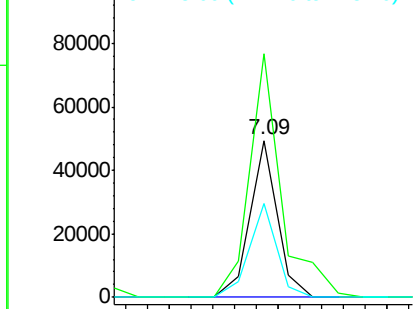
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Instrument :
 BNA_F
 ClientSampled :
 PB82321BS

Tot Ion:152 Resp: 43340
 Ion Ratio Lower Upper
 152 100
 150 155.2 119.5 179.3
 115 60.0 43.0 64.4



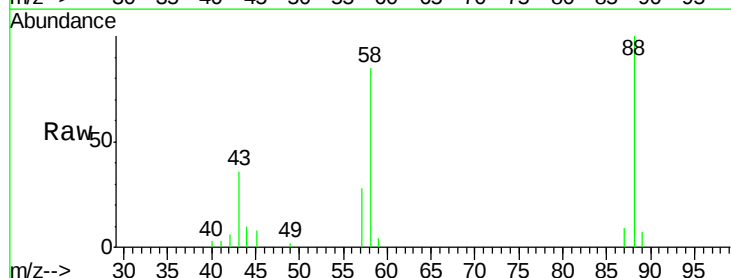
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



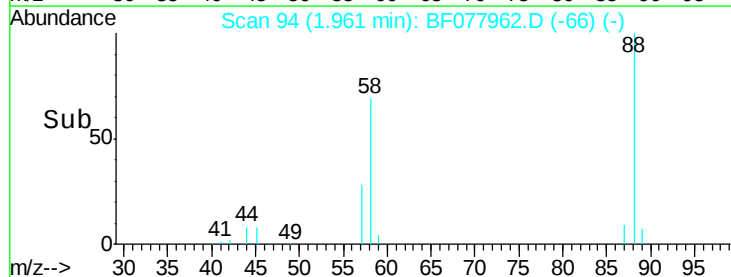
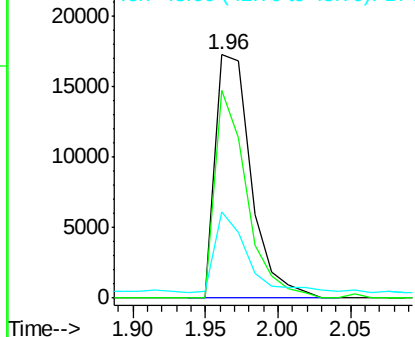
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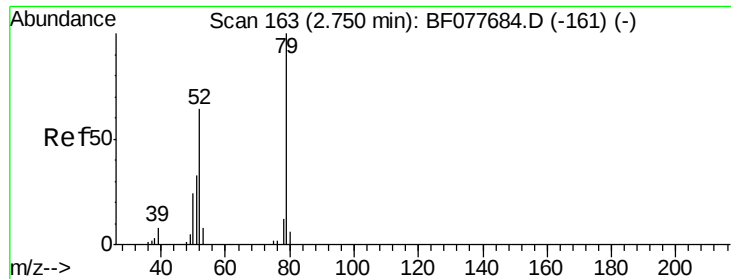
1,4-Dioxane
 Concen: 26.25 ng
 RT: 1.96 min Scan# 94
 Delta R.T. 0.02 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion: 88 Resp: 29595
 Ion Ratio Lower Upper
 88 100
 58 75.1 0.0 0.0#
 43 31.9 0.0 0.0#



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

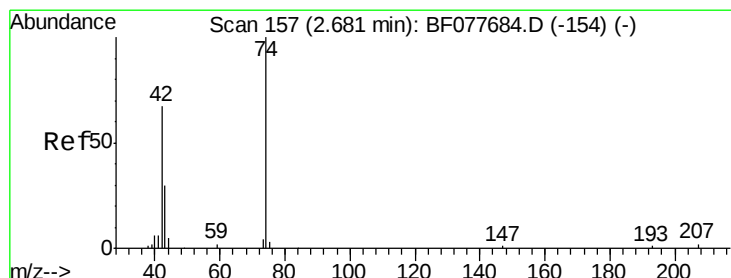
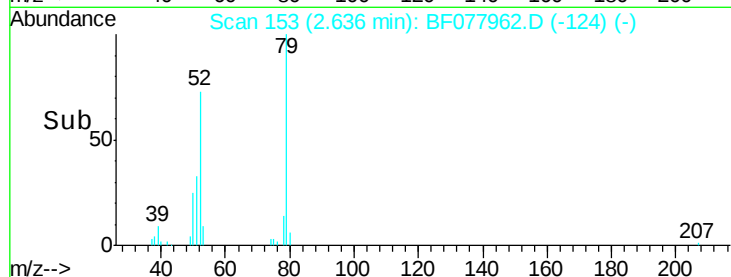
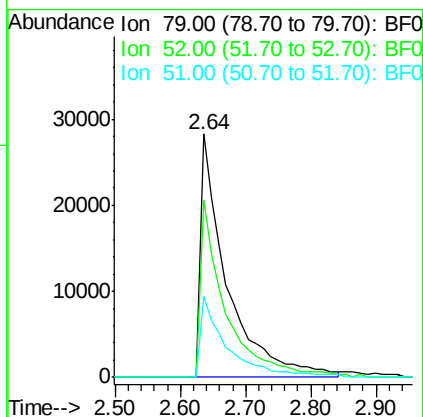
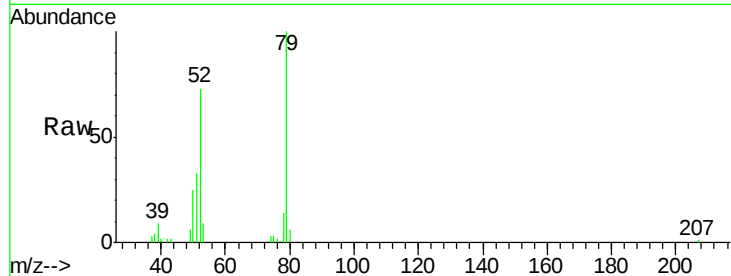




#3
 Pvridine
 Concen: 26.00 ng
 RT: 2.64 min Scan# 153
 Delta R.T. 0.03 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

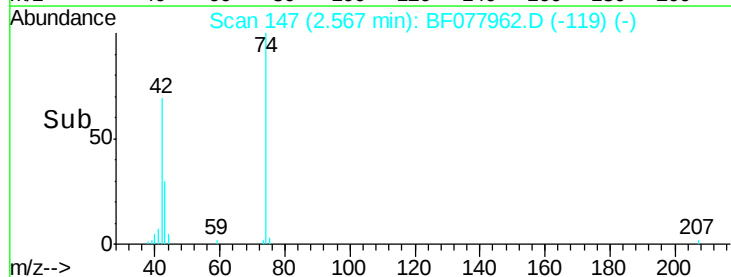
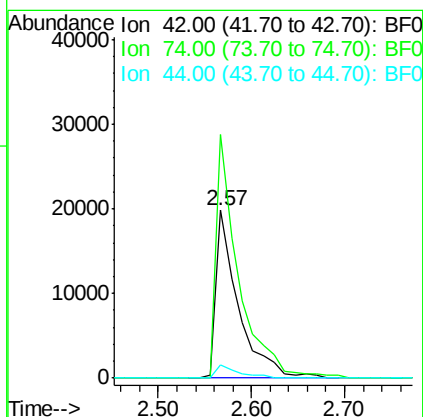
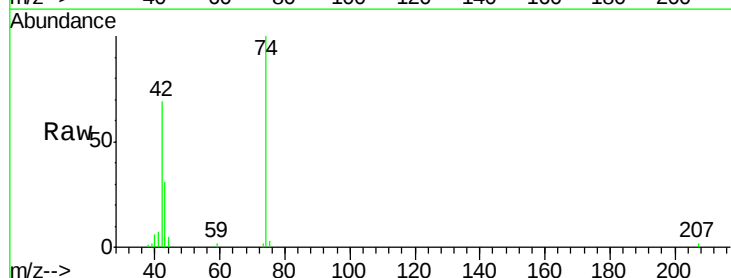
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

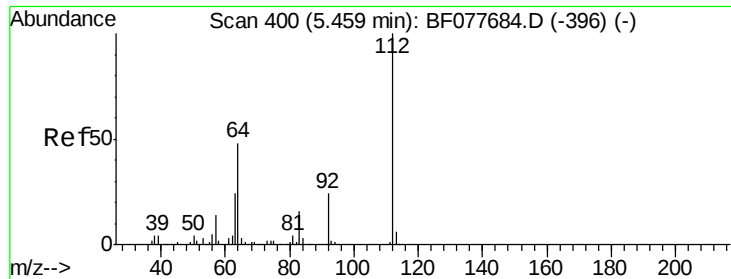
Tot Ion: 79 Resp: 78756
 Ion Ratio Lower Upper
 79 100
 52 72.8 51.1 76.7
 51 33.3 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 24.81 ng
 RT: 2.57 min Scan# 147
 Delta R.T. 0.02 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion: 42 Resp: 32722
 Ion Ratio Lower Upper
 42 100
 74 145.1 119.3 178.9
 44 7.9 5.4 8.2





#5

2-Fluorophenol

Concen: 100.04 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB82321BS

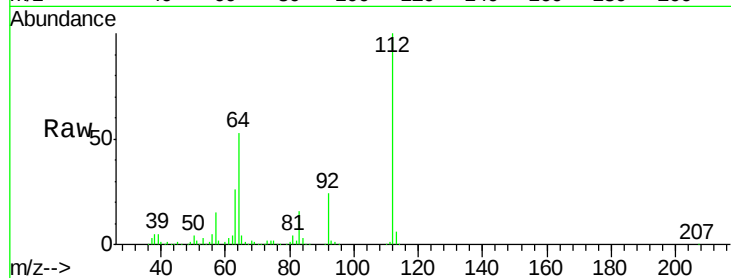
Tot Ion:112 Resp: 248394

Ion Ratio Lower Upper

112 100

64 53.2 38.6 57.8

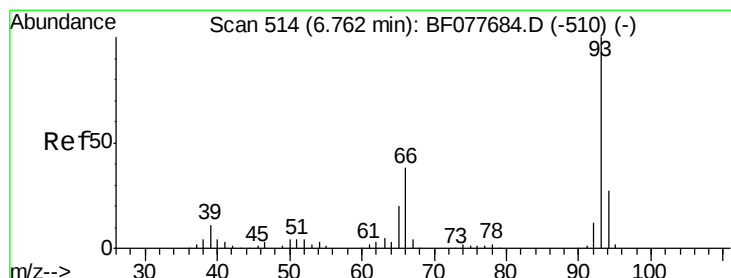
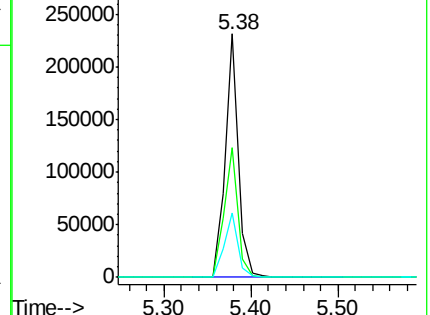
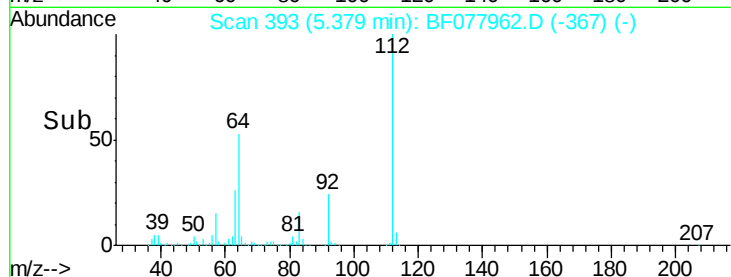
63 26.4 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.70 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

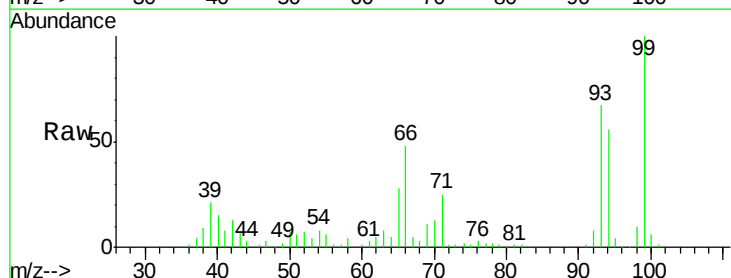
Tgt Ion: 93 Resp: 68880

Ion Ratio Lower Upper

93 100

66 72.2 30.8 46.2#

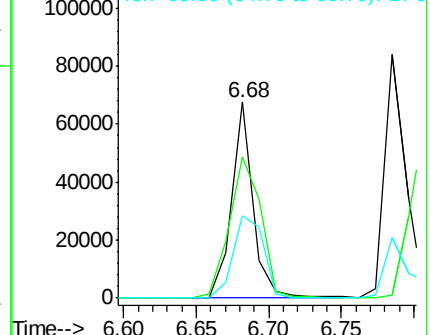
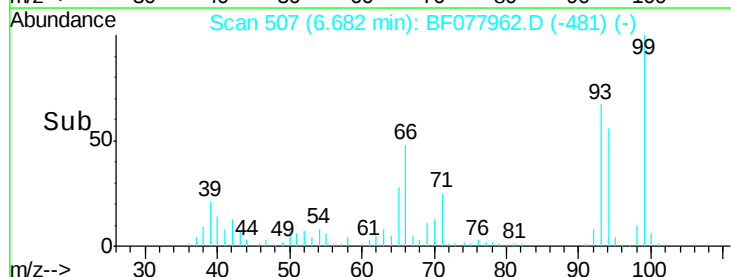
65 41.8 16.0 24.0#



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: 97.86 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

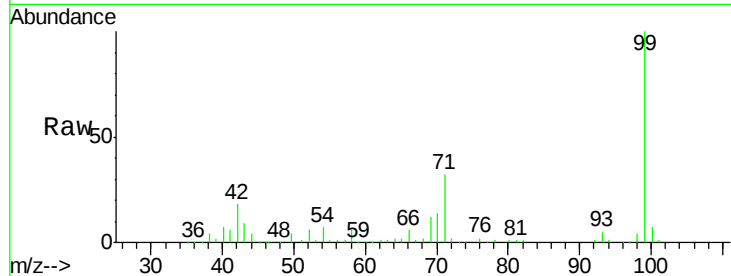
BNA_F

ClientSampleId :

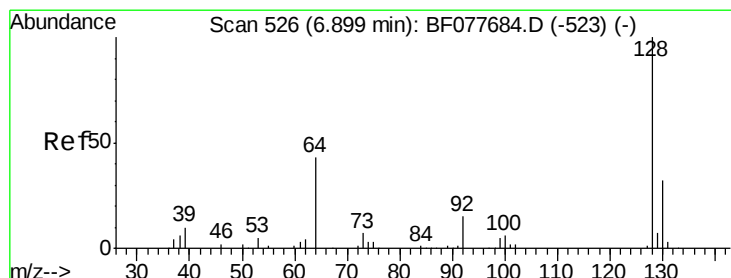
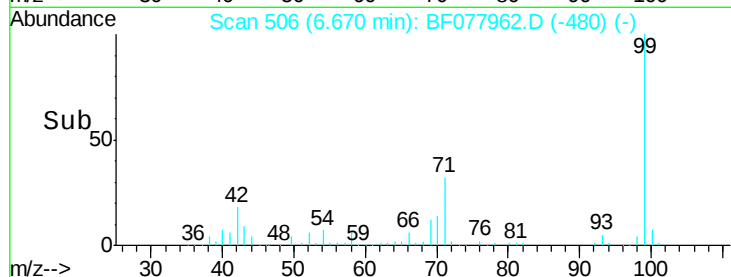
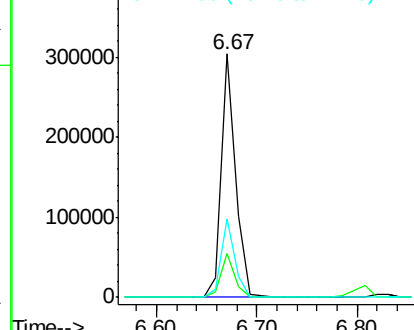
PB82321BS

Tot Ion: 99 Resp: 300191

Ion	Ratio	Lower	Upper
99	100		
42	17.9	11.0	16.4#
71	32.4	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.94 ng

RT: 6.83 min Scan# 520

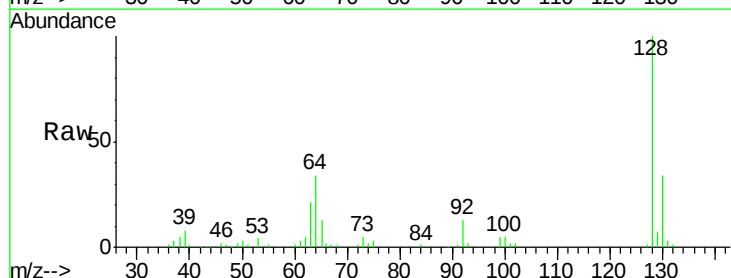
Delta R.T. 0.00 min

Lab File: BF077962.D

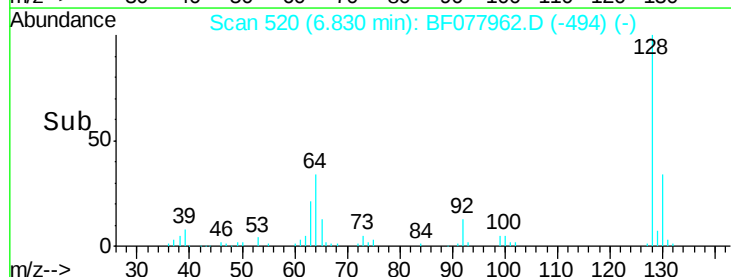
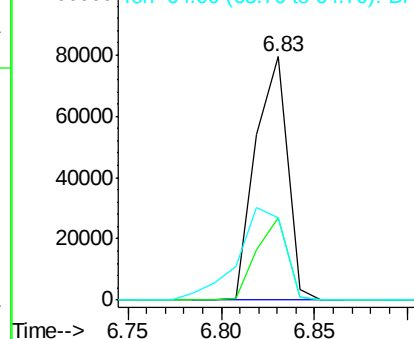
Acq: 25 Mar 2015 20:22

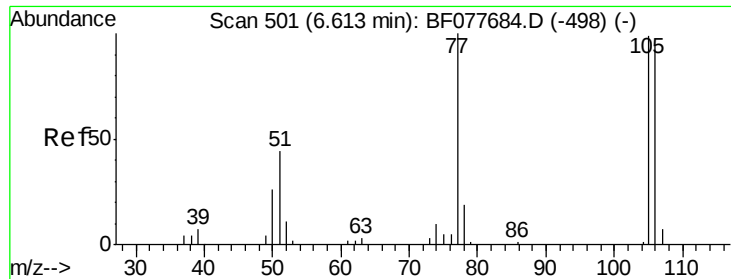
Tgt Ion: 128 Resp: 94385

Ion	Ratio	Lower	Upper
128	100		
130	33.9	12.0	52.0
64	33.6	24.9	64.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.31 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB82321BS

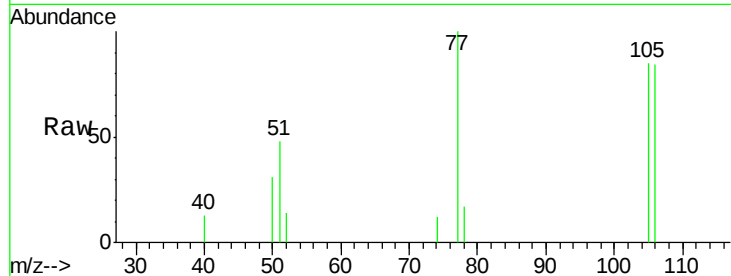
Tot Ion: 77 Resp: 4162

Ion Ratio Lower Upper

77 100

105 85.4 78.8 118.8

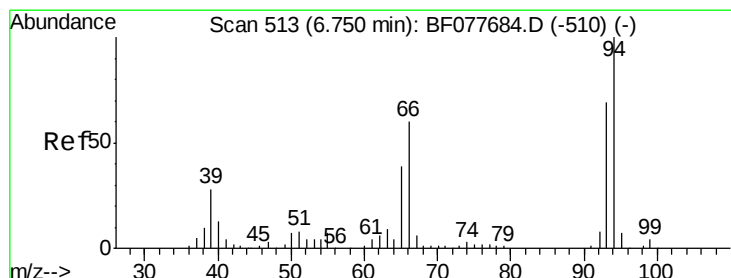
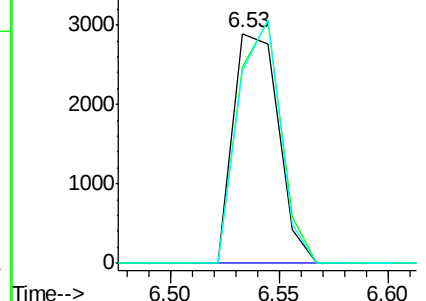
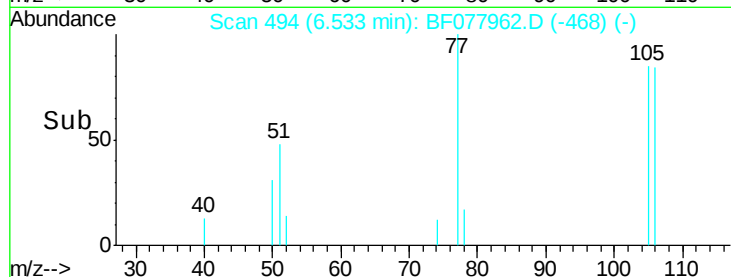
106 83.9 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.95 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

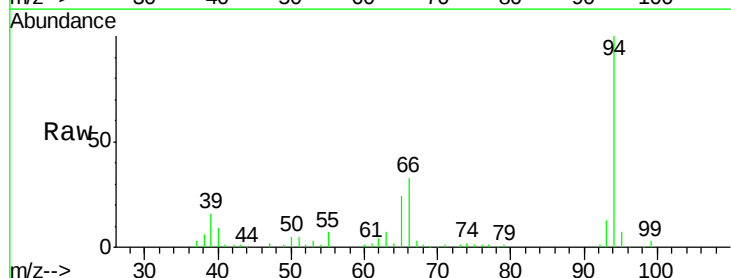
Tgt Ion: 94 Resp: 115849

Ion Ratio Lower Upper

94 100

65 24.0 18.8 58.8

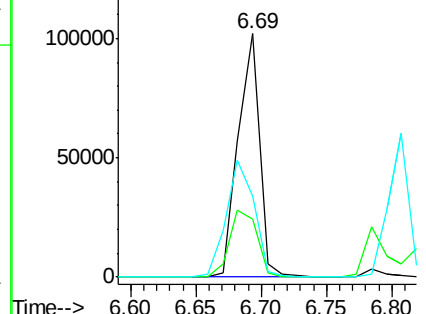
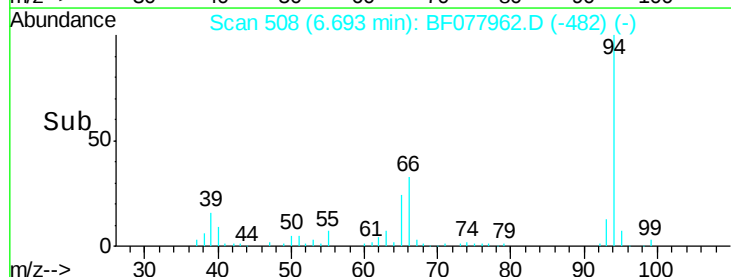
66 33.3 39.9 79.9#

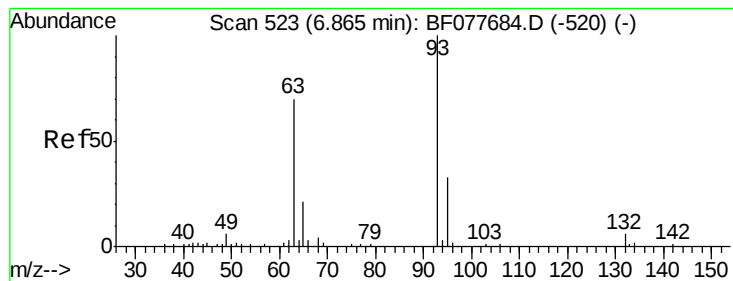


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 31.82 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

BNA_F

ClientSampled :

PB82321BS

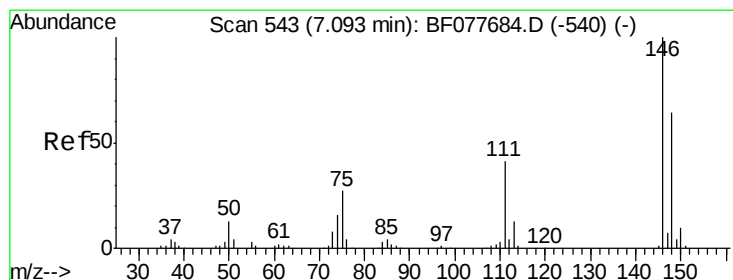
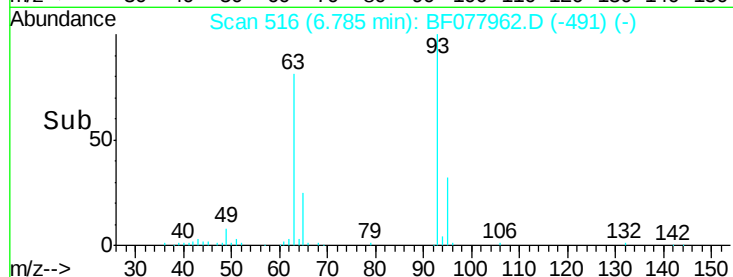
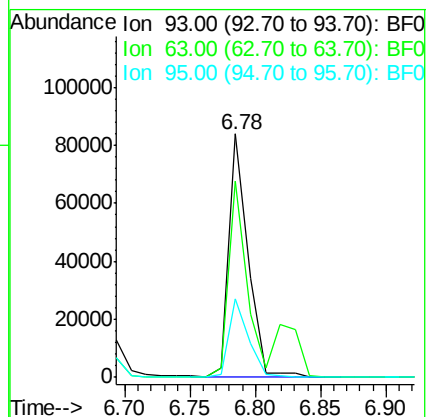
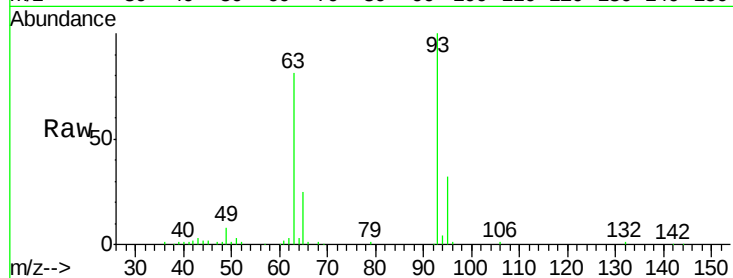
Tot Ion: 93 Resp: 86426

Ion Ratio Lower Upper

93 100

63 80.8 49.5 89.5

95 32.0 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 30.00 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

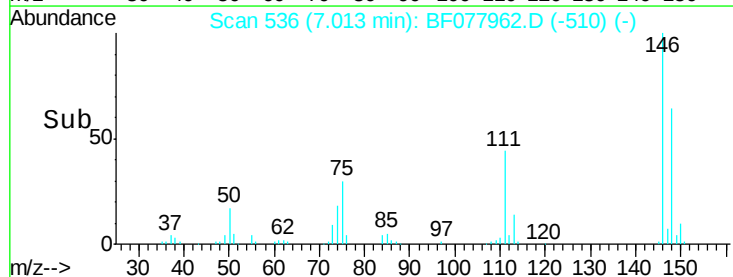
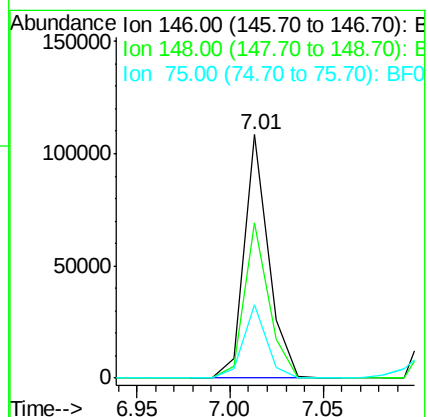
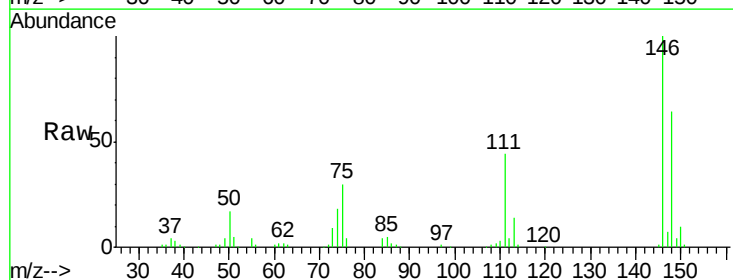
Tgt Ion: 146 Resp: 98615

Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

75 29.9 21.4 32.2

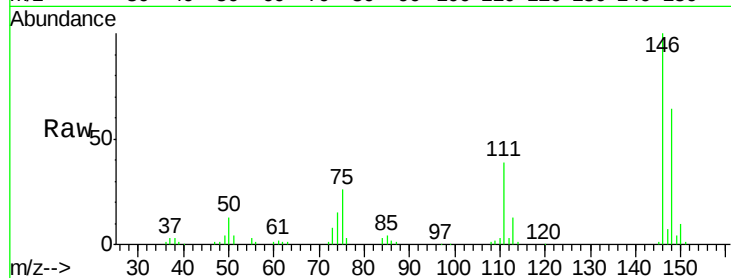




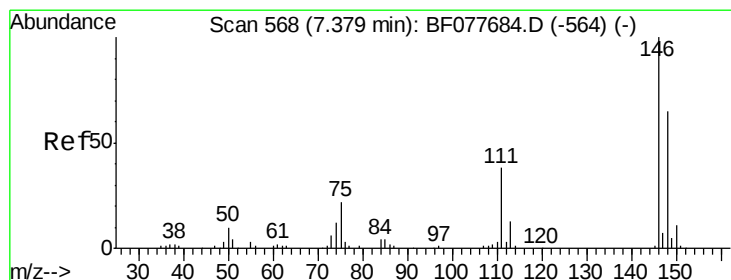
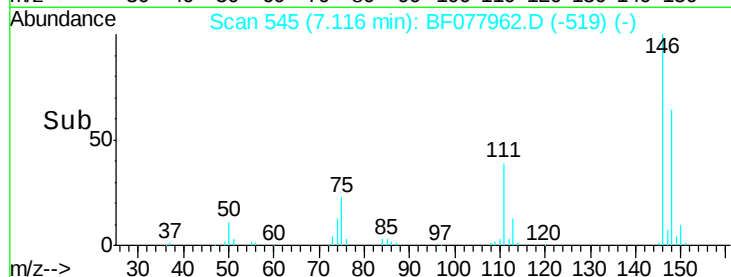
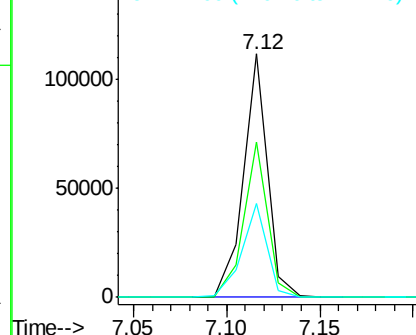
#13
 1,4-Dichlorobenzene
 Concen: 29.38 ng
 RT: 7.12 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	38.8	29.2	43.8

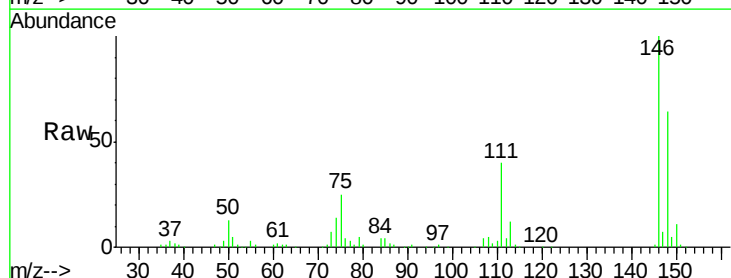


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

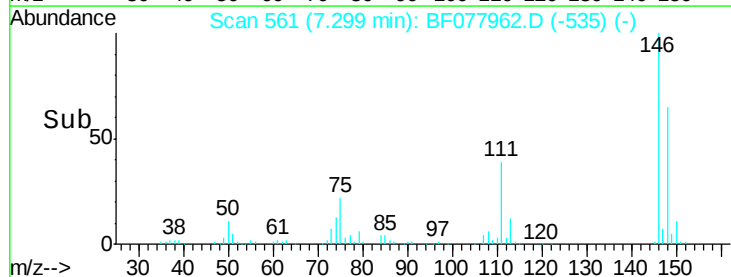
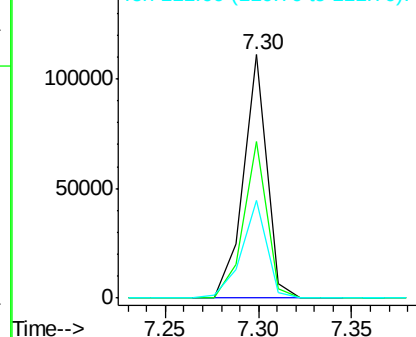


#14
 1,2-Dichlorobenzene
 Concen: 31.25 ng
 RT: 7.30 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	40.2	30.6	45.8



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

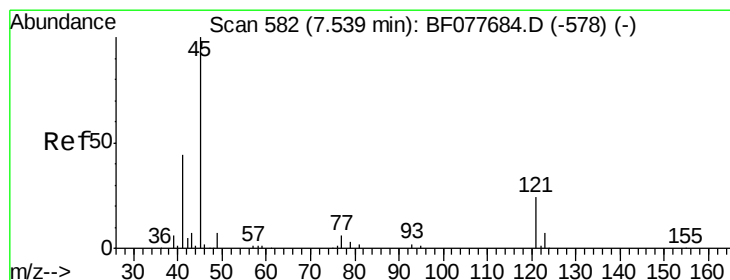
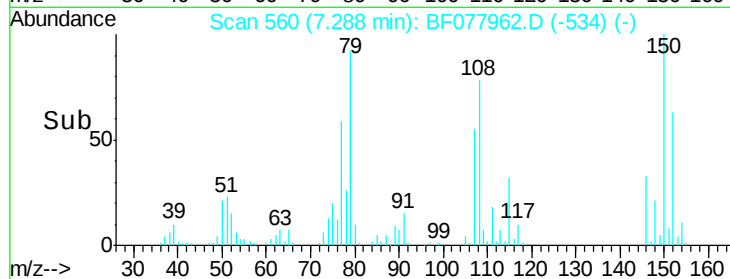
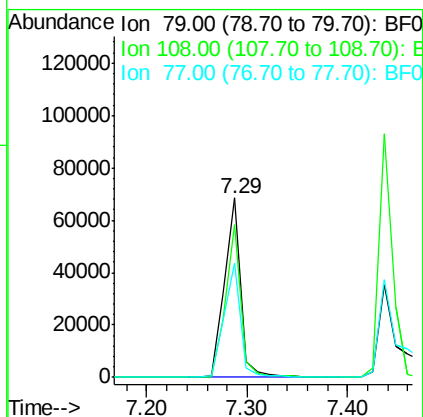
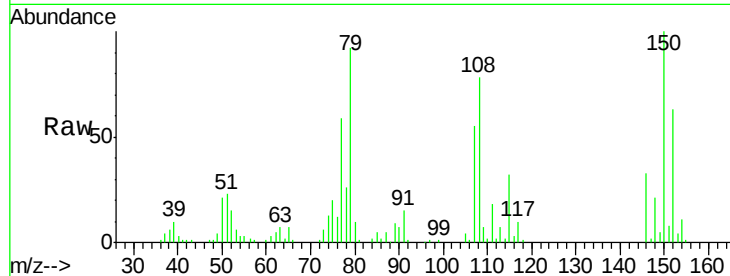




#15
Benzyl Alcohol
Concen: 32.17 ng
RT: 7.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

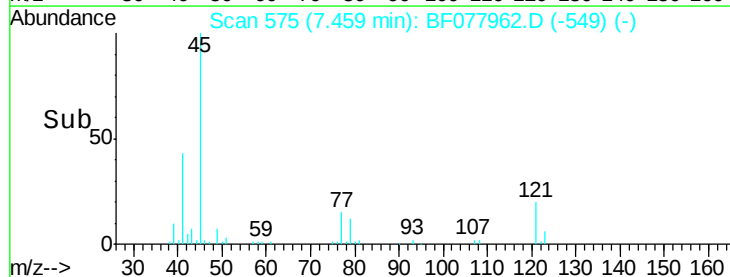
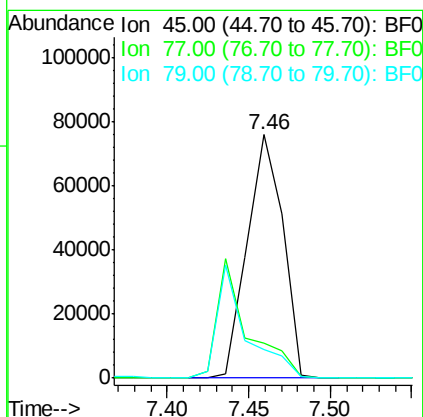
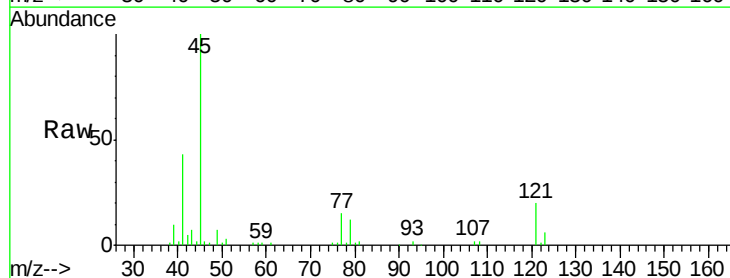
Instrument :
BNA_F
ClientSampleId :
PB82321BS

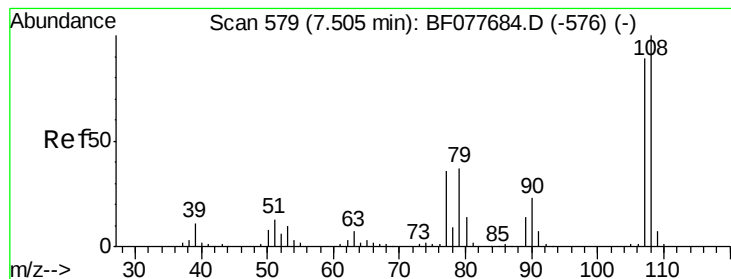
Tot Ion: 79 Resp: 77045
Ion Ratio Lower Upper
79 100
108 84.9 65.0 97.4
77 64.1 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.31 ng
RT: 7.46 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion: 45 Resp: 114623
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.2
79 11.6 0.0 32.0

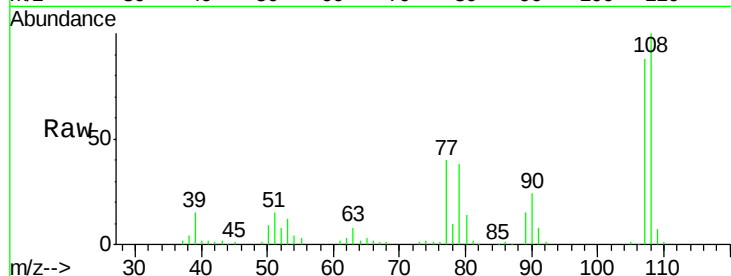




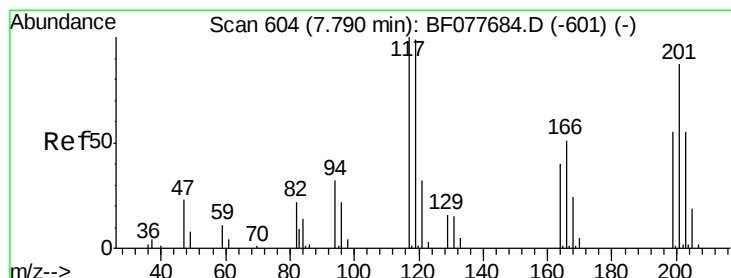
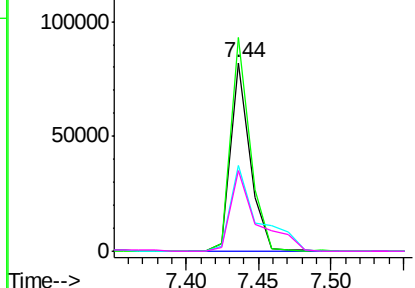
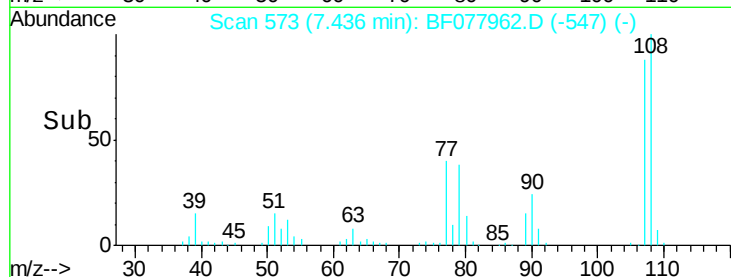
#17
2-Methylphenol
Concen: 31.45 ng
RT: 7.44 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:107 Resp: 75672
Ion Ratio Lower Upper
107 100
108 113.5 89.8 134.8
77 45.6 32.6 48.8
79 43.2 32.8 49.2

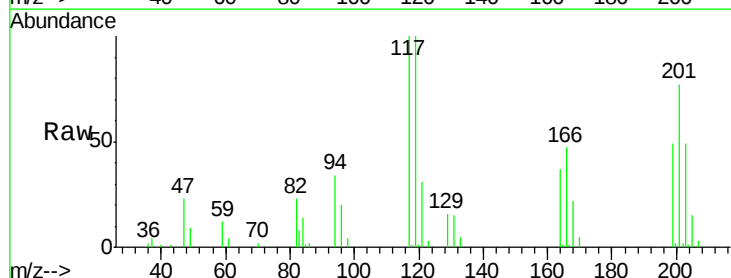


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

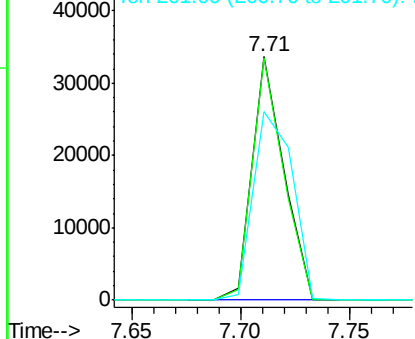
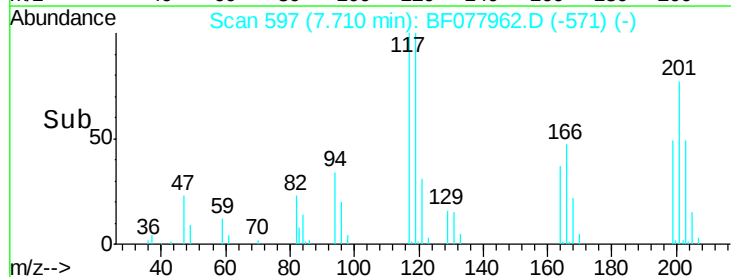


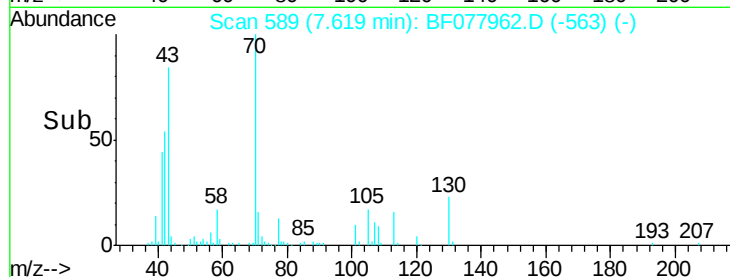
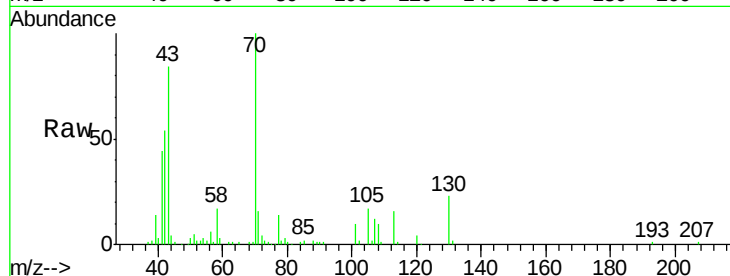
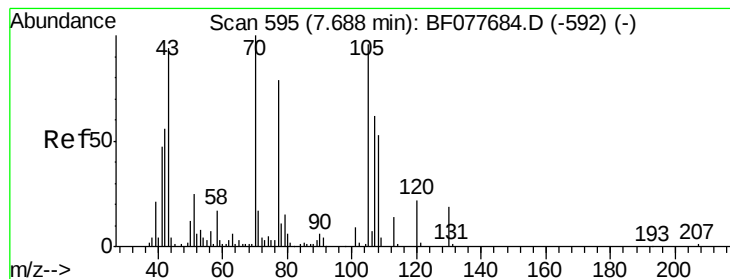
#18
Hexachloroethane
Concen: 30.56 ng
RT: 7.71 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:117 Resp: 34231
Ion Ratio Lower Upper
117 100
119 99.7 79.2 118.8
201 77.2 69.8 104.6



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: 31.71 ng

RT: 7.62 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB82321BS

Tot Ion: 70 Resp: 67301

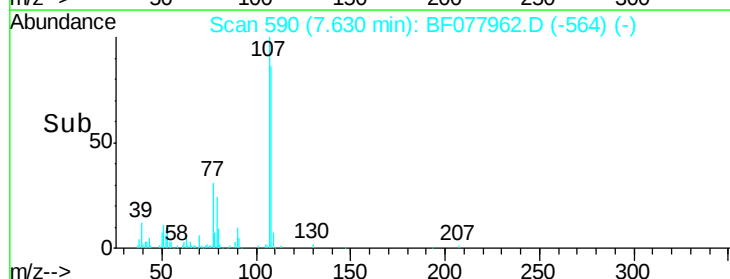
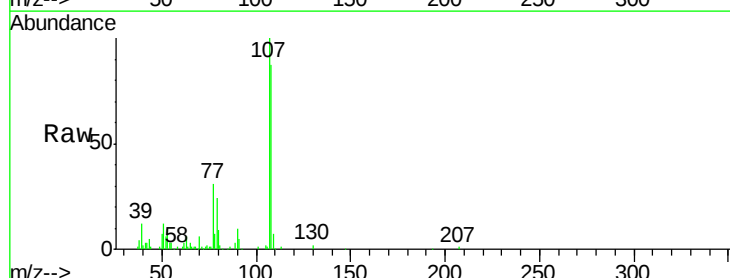
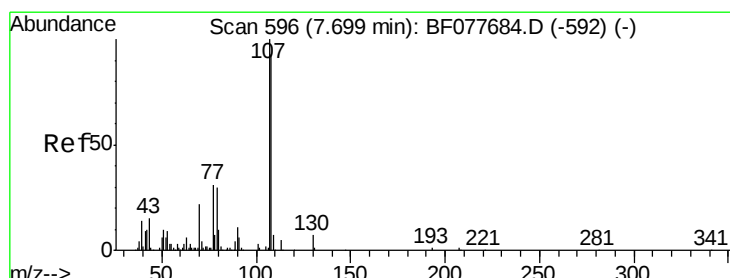
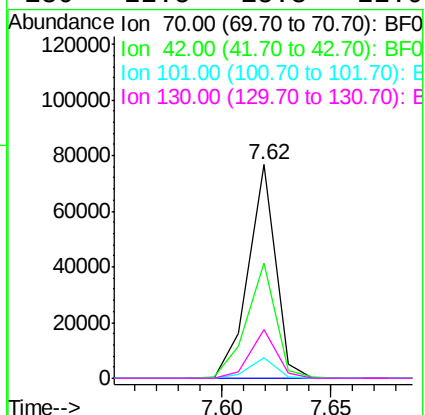
Ion Ratio Lower Upper

70 100

42 54.0 44.5 66.7

101 9.9 7.4 11.2

130 22.5 15.3 22.9



#20

3+4-Methylphenols

Concen: 32.48 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Tgt Ion:107 Resp: 102555

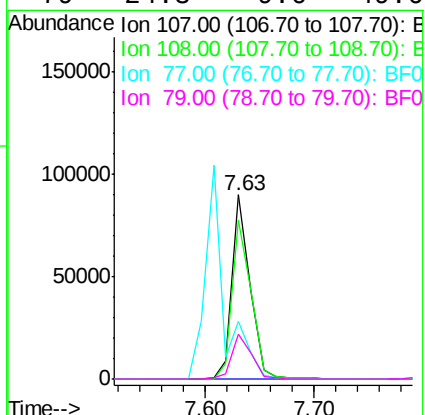
Ion Ratio Lower Upper

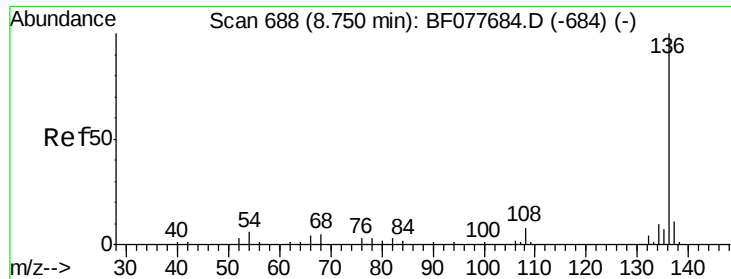
107 100

108 86.5 73.2 113.2

77 31.3 10.7 50.7

79 24.3 9.6 49.6

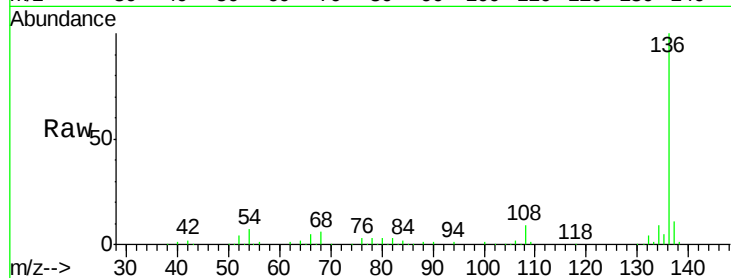




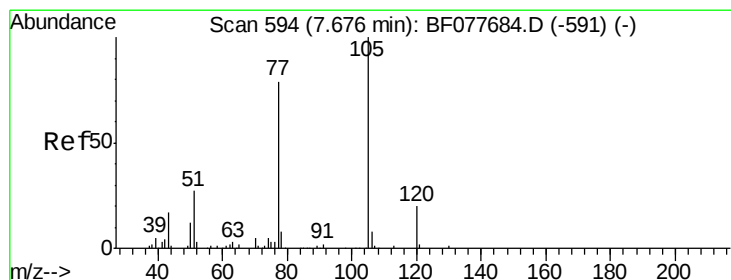
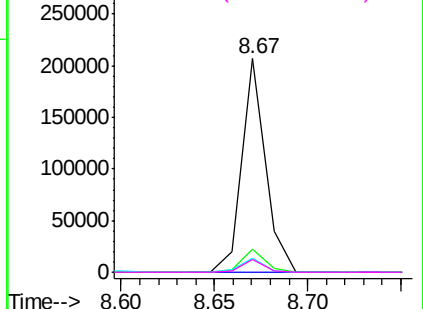
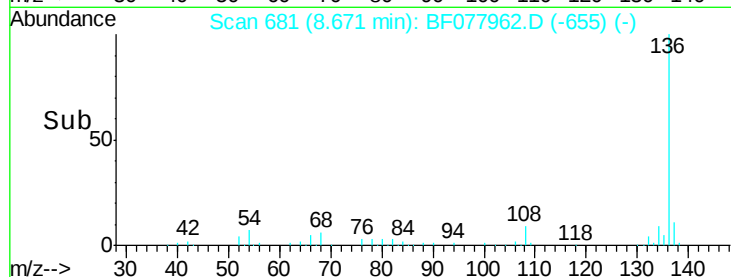
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:136	Resp:	182584
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	6.8	4.6 6.8
68	5.7	3.7 5.5#

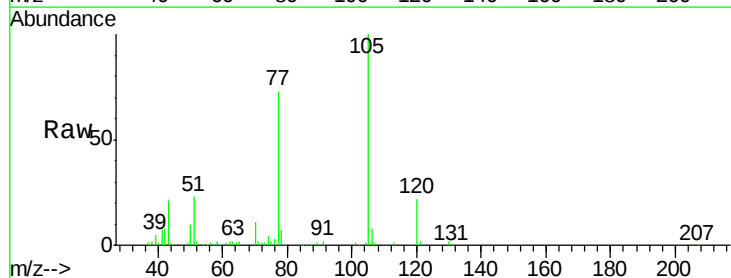


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

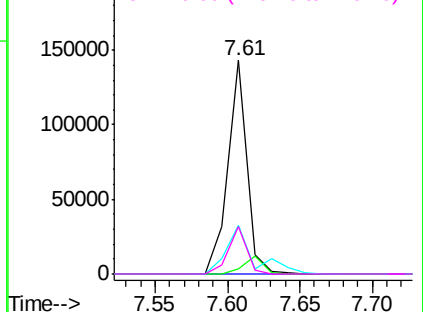
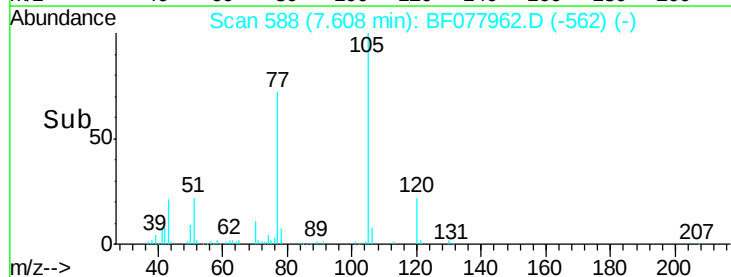


#22
Acetophenone
Concen: 32.37 ng
RT: 7.61 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:105	Resp:	130824
Ion Ratio	Lower	Upper
105	100	
71	2.2	0.6 1.0#
51	22.8	21.6 32.4
120	22.5	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

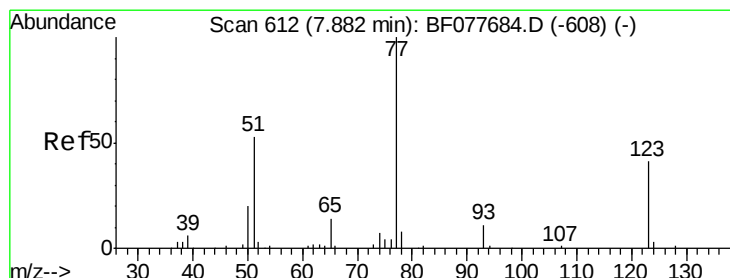
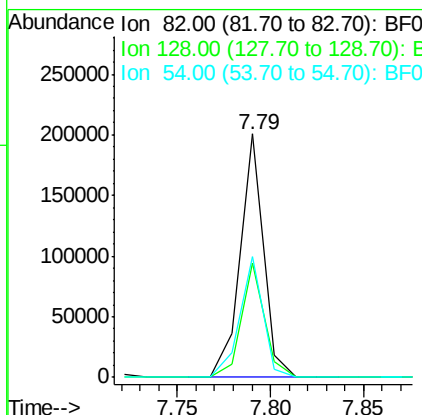
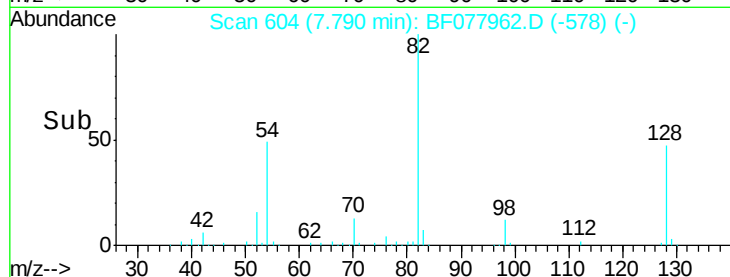
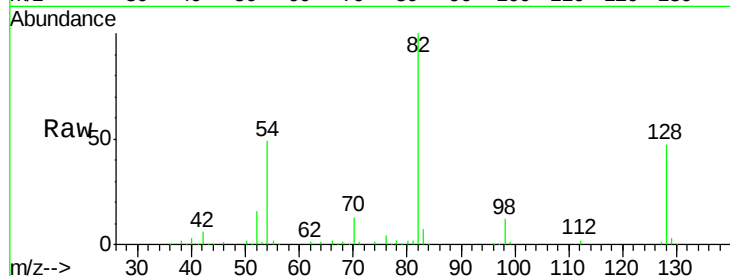




#23
 Nitrobenzene-d5
 Concen: 63.09 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

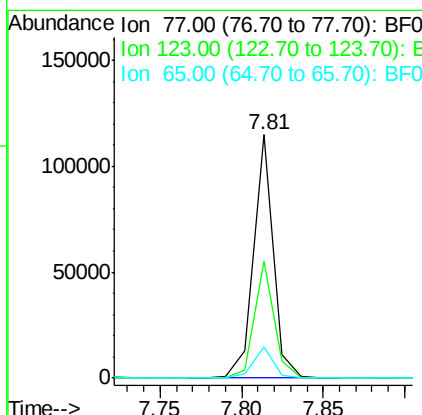
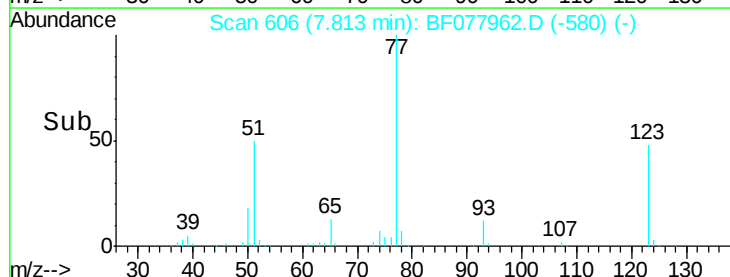
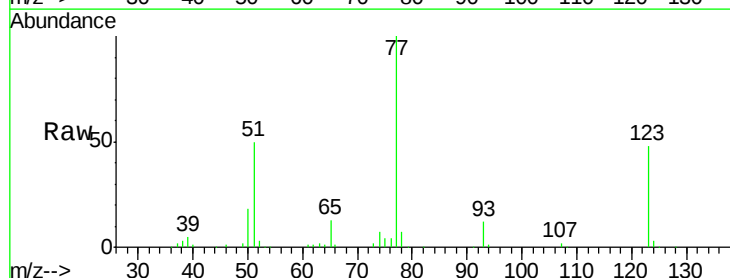
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

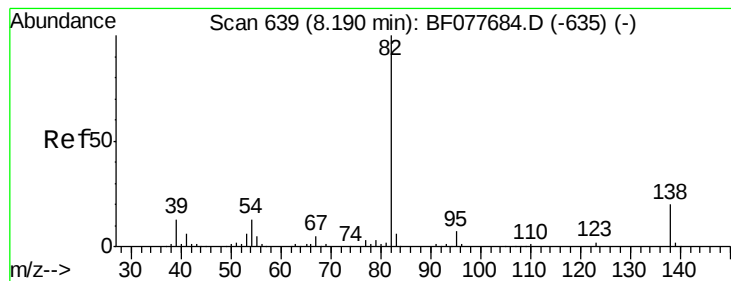
Tot Ion: 82 Resp: 175731
 Ion Ratio Lower Upper
 82 100
 128 47.0 32.8 49.2
 54 49.4 40.6 60.8



#24
 Nitrobenzene
 Concen: 31.95 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion: 77 Resp: 95883
 Ion Ratio Lower Upper
 77 100
 123 48.2 32.6 49.0
 65 12.9 10.9 16.3





#25

Isophorone

Concen: 30.36 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB82321BS

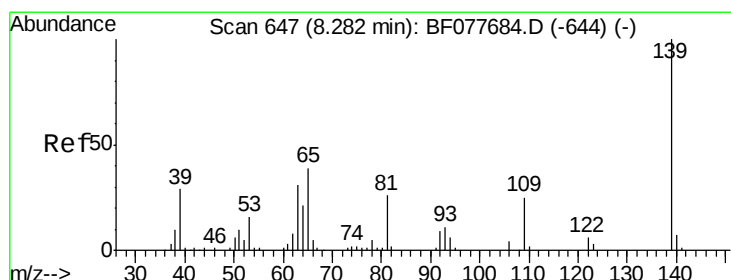
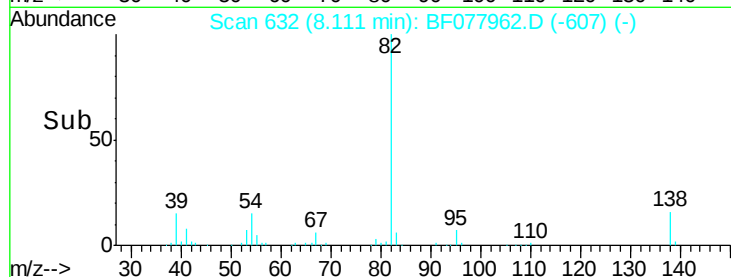
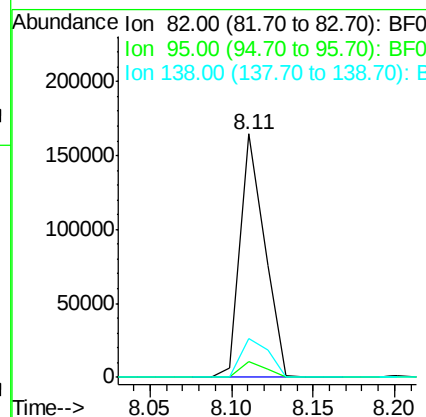
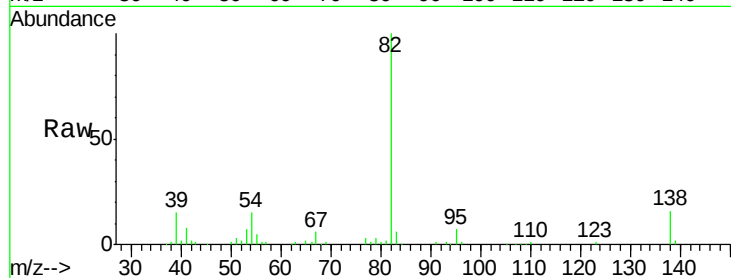
Tot Ion: 82 Resp: 170805

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

138 15.7 16.3 24.5#



#26

2-Nitrophenol

Concen: 30.68 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

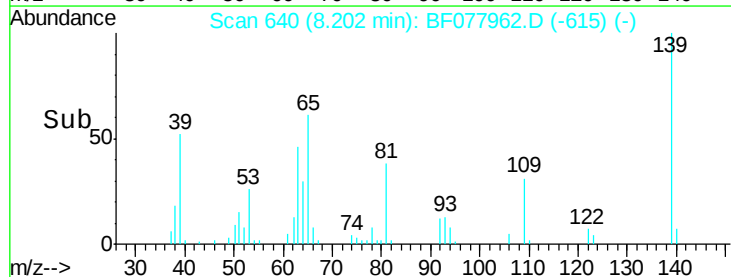
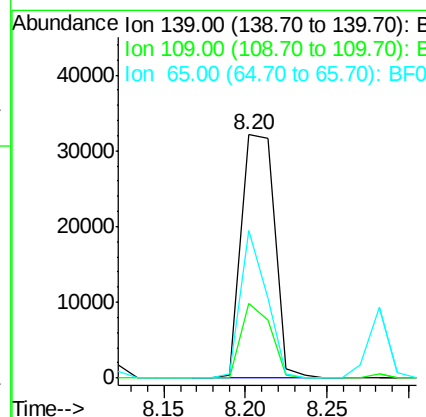
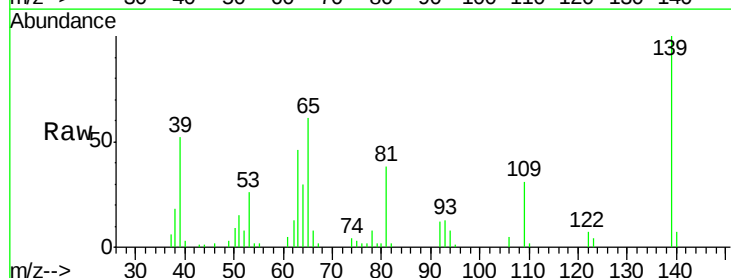
Tgt Ion: 139 Resp: 45065

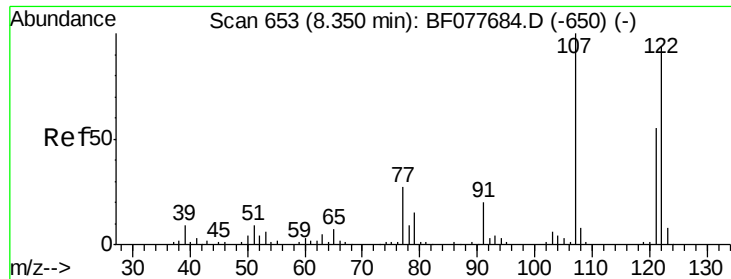
Ion Ratio Lower Upper

139 100

109 30.8 20.1 30.1#

65 60.7 31.5 47.3#

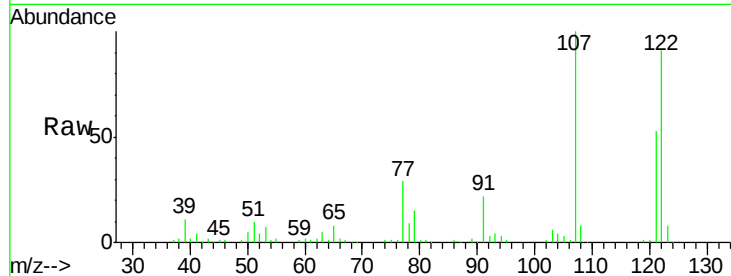




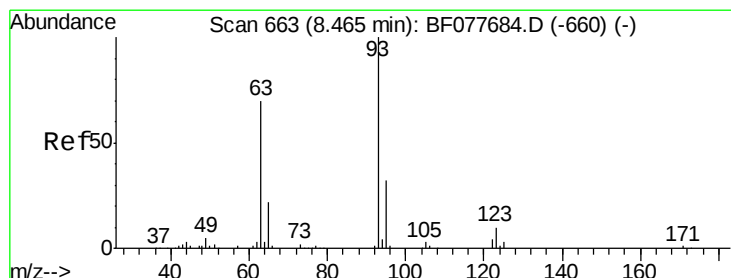
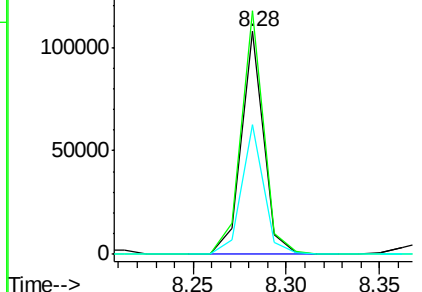
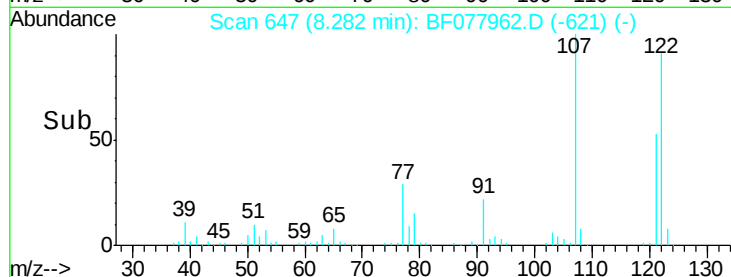
#27
2,4-Dimethylphenol
Concen: 33.56 ng
RT: 8.28 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:122 Resp: 89831
Ion Ratio Lower Upper
122 100
107 109.4 84.7 127.1
121 58.3 46.6 69.8

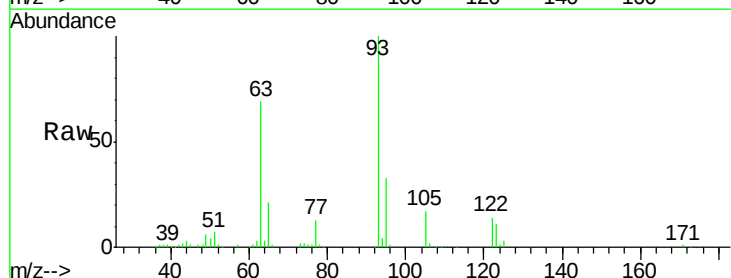


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

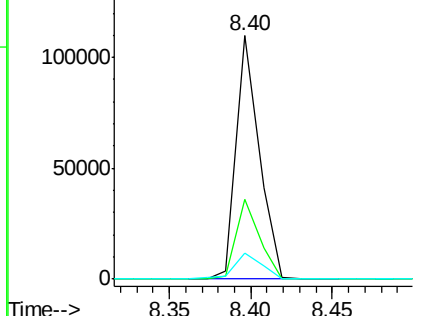
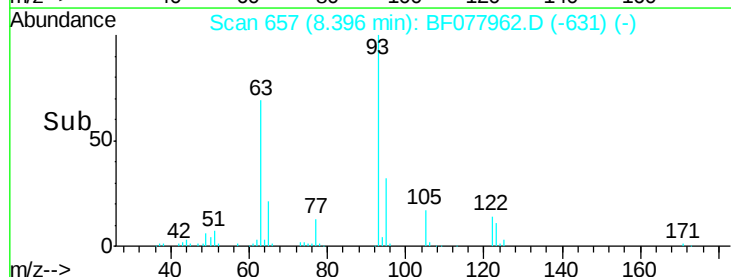


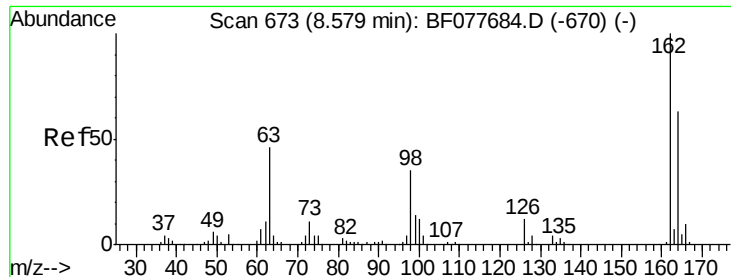
#28
bis(2-Chloroethoxy)methane
Concen: 31.32 ng
RT: 8.40 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion: 93 Resp: 106950
Ion Ratio Lower Upper
93 100
95 32.9 25.5 38.3
123 10.9 8.6 13.0



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

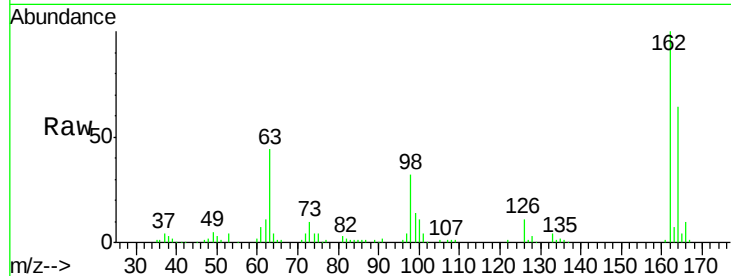




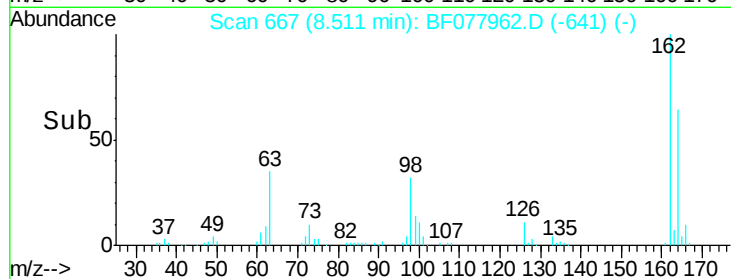
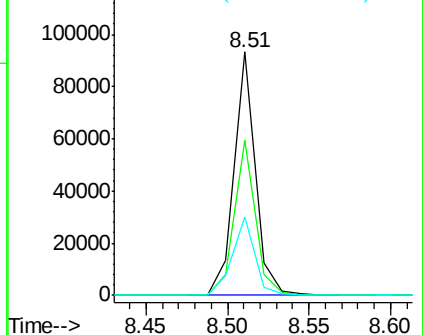
#29
 2,4-Dichlorophenol
 Concen: 32.70 ng
 RT: 8.51 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tot Ion:162 Resp: 83432
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.8 82.8
 98 32.5 14.5 54.5

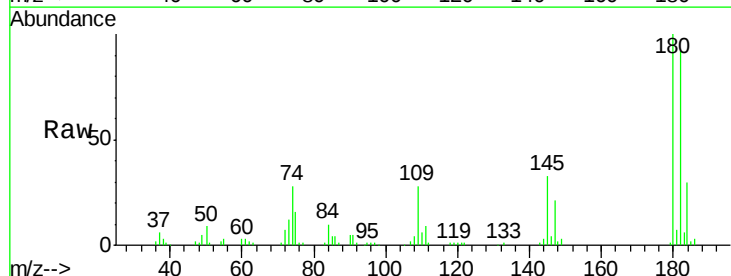


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

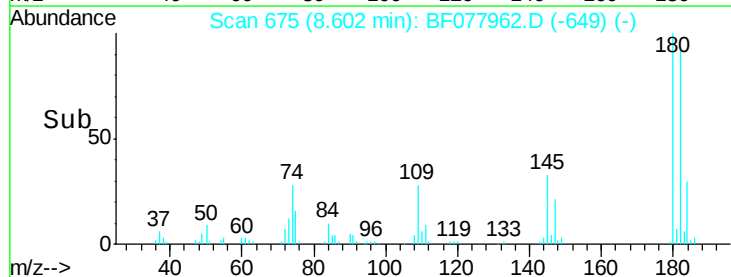
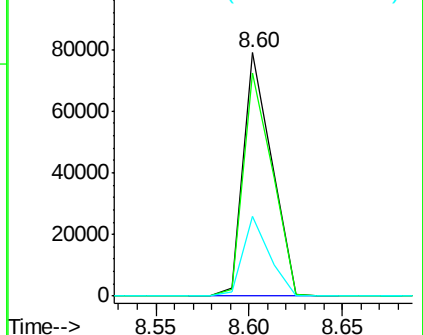


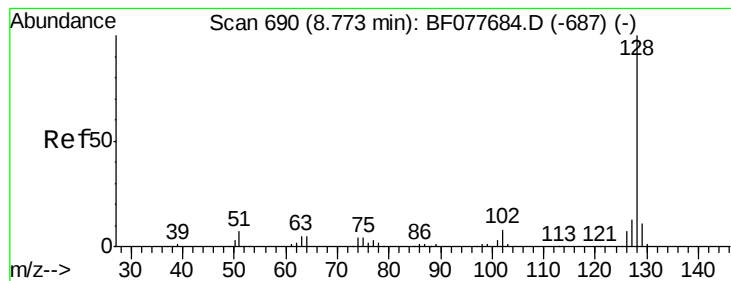
#30
 1,2,4-Trichlorobenzene
 Concen: 29.27 ng
 RT: 8.60 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion:180 Resp: 83537
 Ion Ratio Lower Upper
 180 100
 182 91.8 77.6 116.4
 145 33.0 23.4 35.2



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: 28.90 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB82321BS

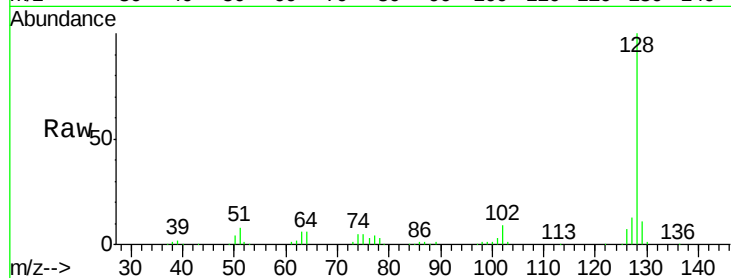
Tot Ion:128 Resp: 270985

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

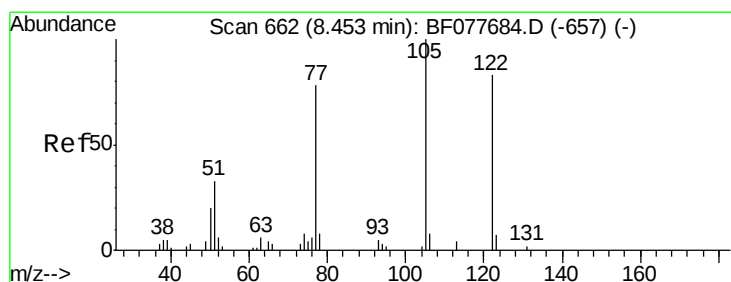
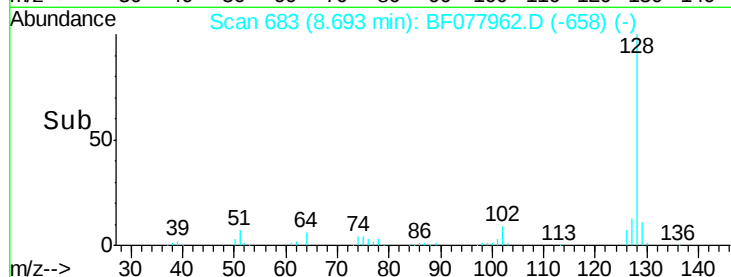
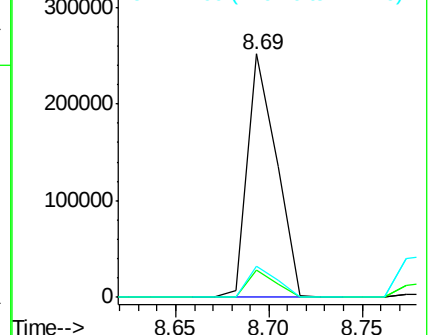
127 12.7 10.4 15.6



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: 26.46 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

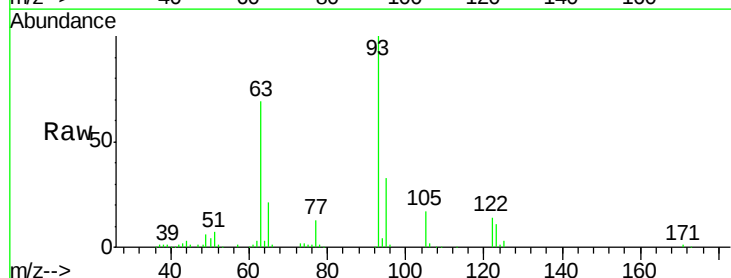
Tgt Ion:122 Resp: 37294

Ion Ratio Lower Upper

122 100

105 118.0 99.9 139.9

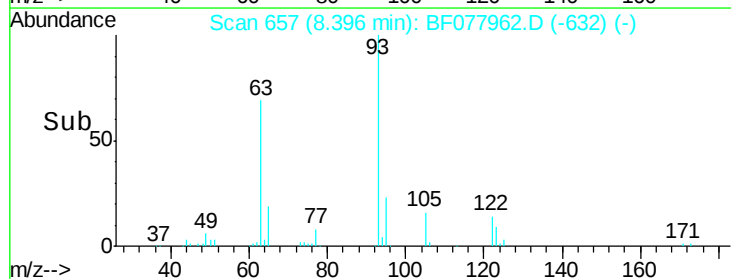
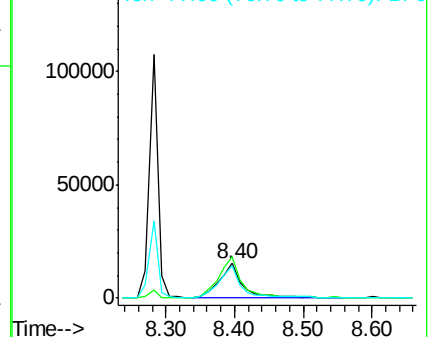
77 91.8 73.7 113.7

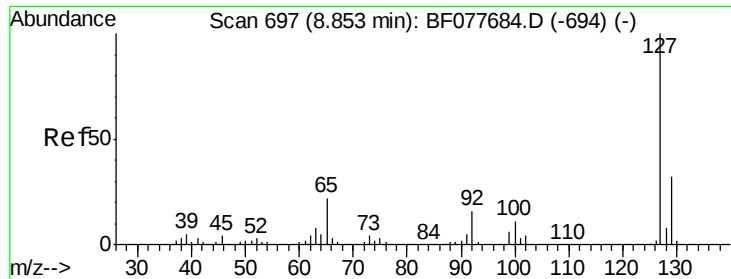


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

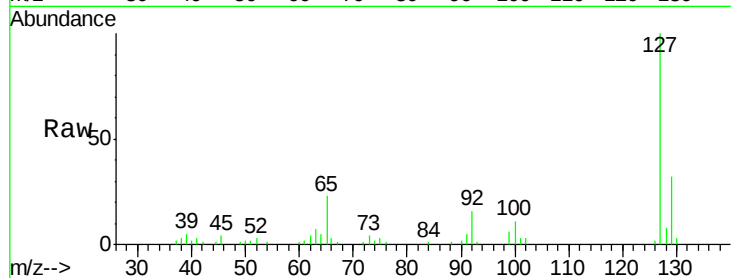




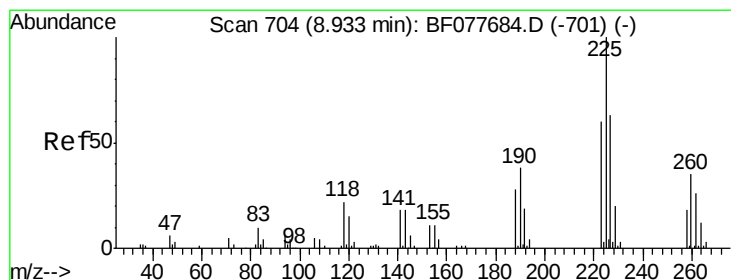
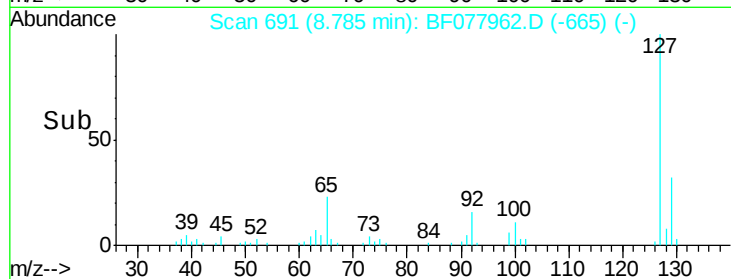
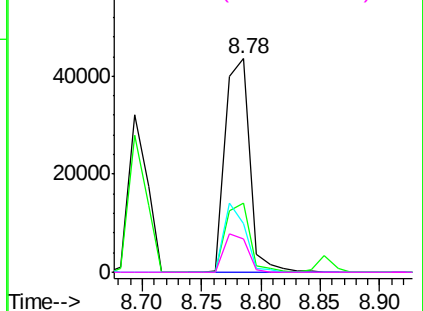
#33
4-Chloroaniline
Concen: 16.34 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:	127	Resp:	62189
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9
65	22.9	17.6	26.4
92	15.9	13.1	19.7

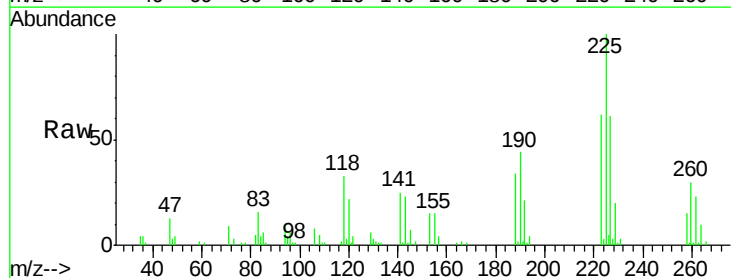


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

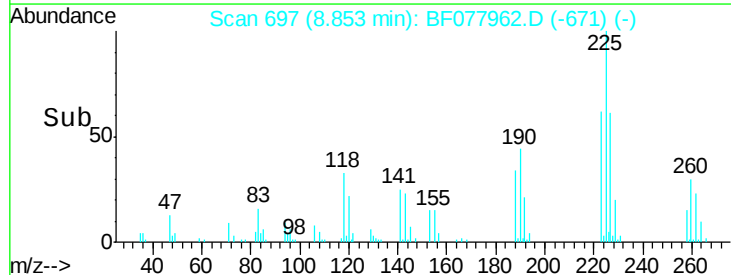
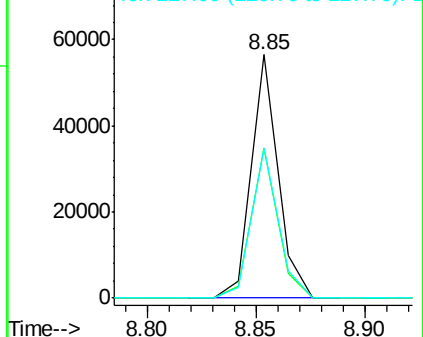


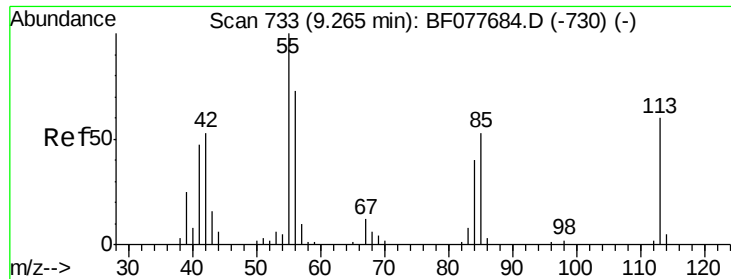
#34
Hexachlorobutadiene
Concen: 29.92 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:	225	Resp:	48401
Ion	Ratio	Lower	Upper
225	100		
223	61.7	47.9	71.9
227	61.5	50.1	75.1



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

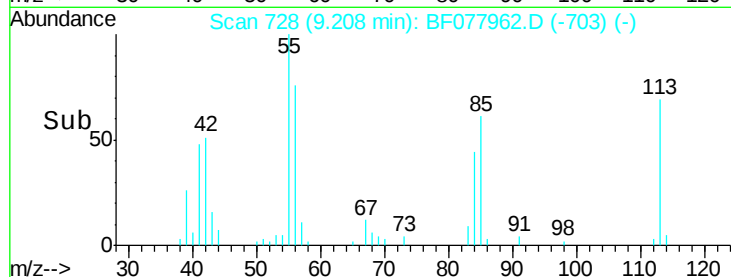
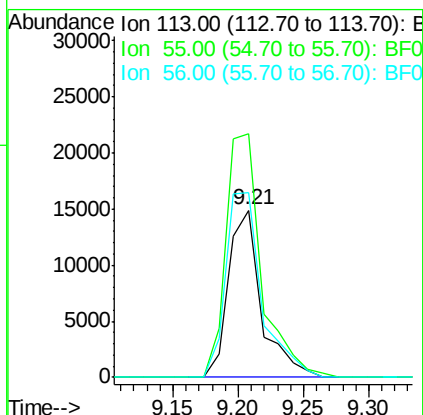
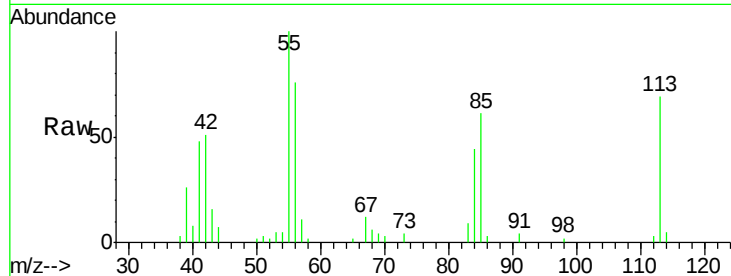




#35
Caprolactam
Concen: 35.01 ng
RT: 9.21 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

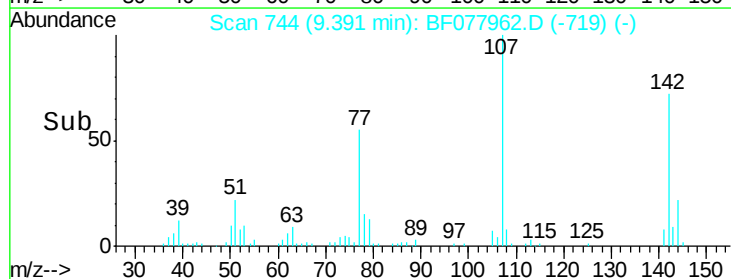
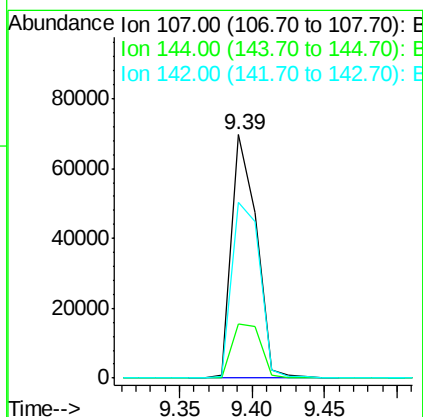
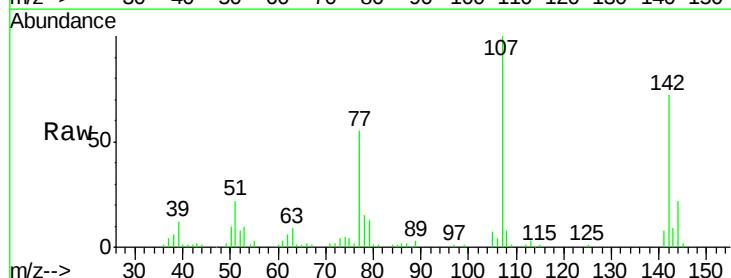
Instrument :
BNA_F
ClientSampleId :
PB82321BS

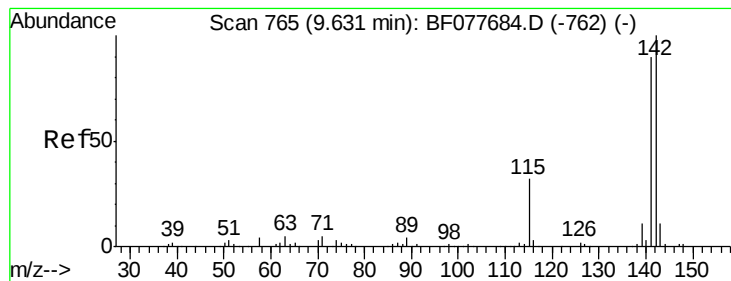
Tot Ion:113 Resp: 26103
Ion Ratio Lower Upper
113 100
55 145.8 145.9 185.9#
56 110.6 101.0 141.0



#36
4-Chloro-3-methylphenol
Concen: 32.48 ng
RT: 9.39 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:107 Resp: 83371
Ion Ratio Lower Upper
107 100
144 22.4 23.3 34.9#
142 72.4 72.6 109.0#





#37

2-Methylnaphthalene

Concen: 31.48 ng

RT: 9.56 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB82321BS

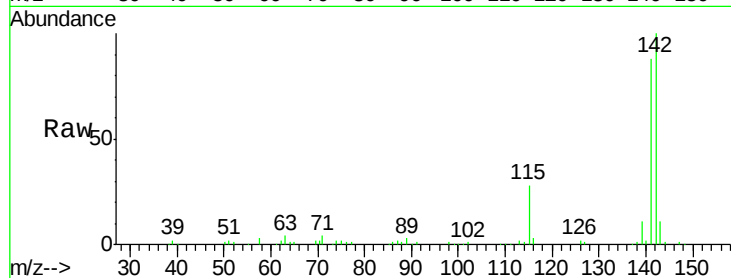
Tot Ion:142 Resp: 198288

Ion Ratio Lower Upper

142 100

141 88.1 71.9 107.9

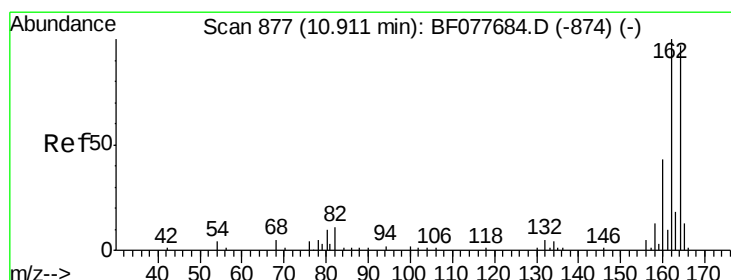
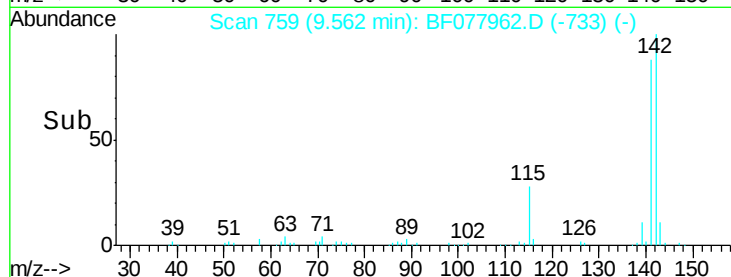
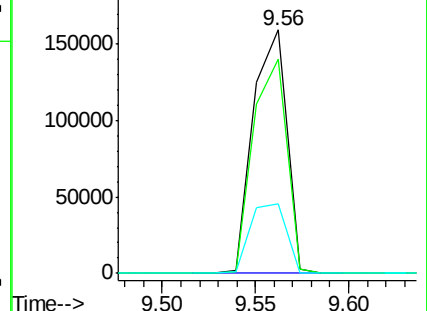
115 28.5 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

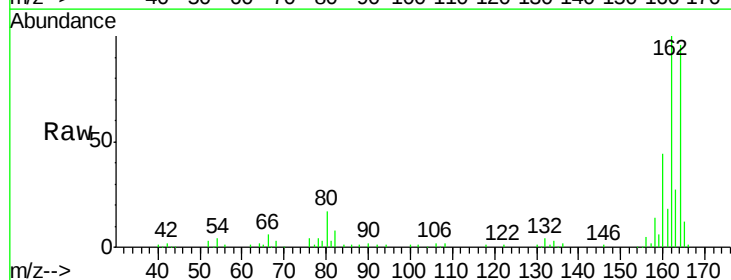
Tgt Ion:164 Resp: 95548

Ion Ratio Lower Upper

164 100

162 103.8 82.4 123.6

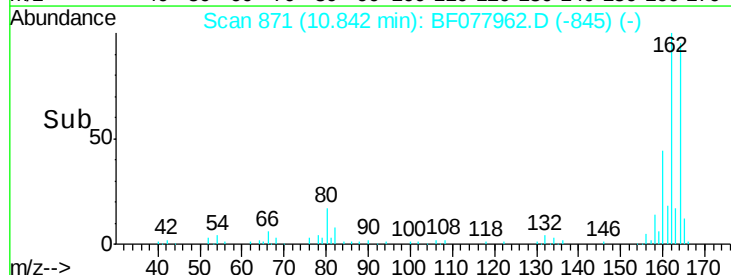
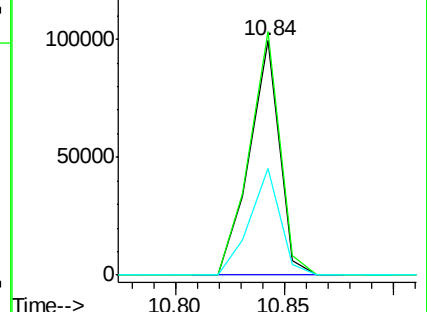
160 45.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

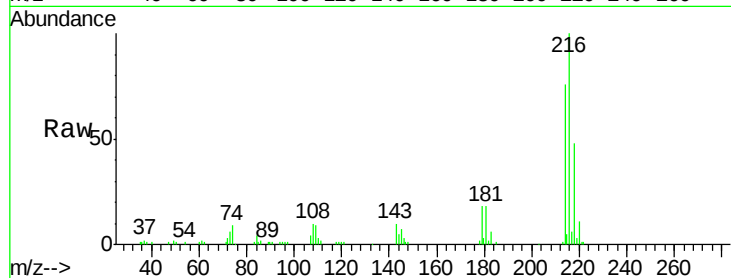




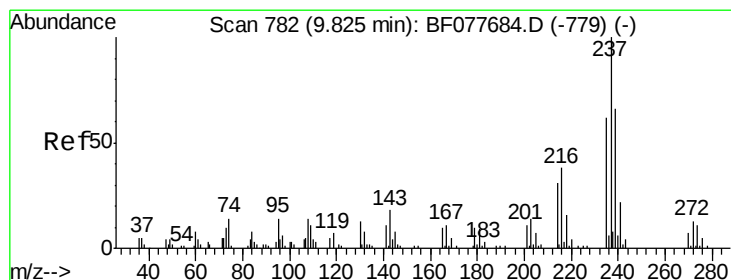
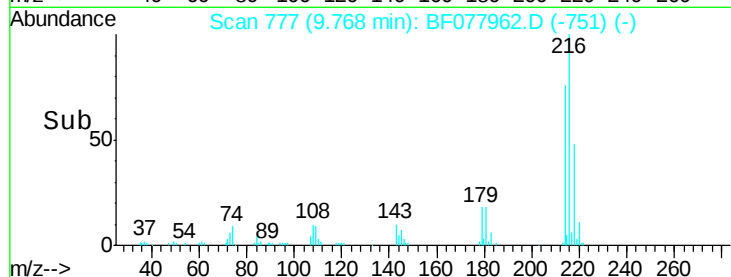
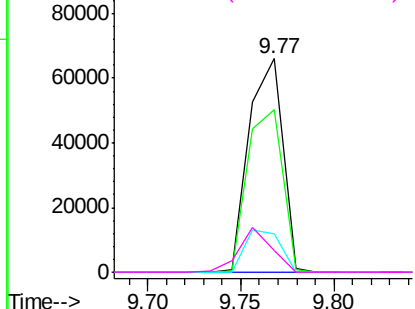
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.06 ng
 RT: 9.77 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tot Ion:216	Resp:	82805
Ion Ratio	Lower	Upper
216	100	
214	79.4	0.0 0.0#
179	20.6	0.0 0.0#
108	20.8	0.0 0.0#

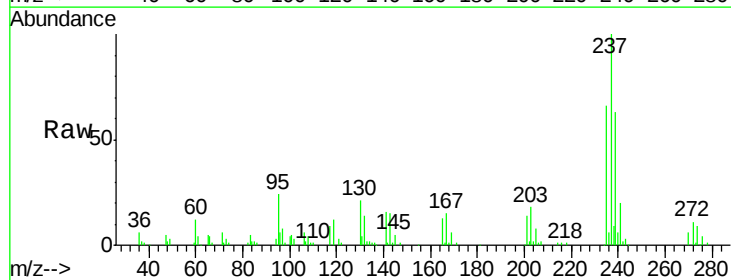


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

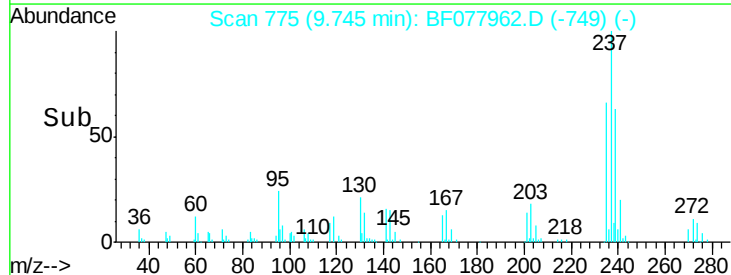
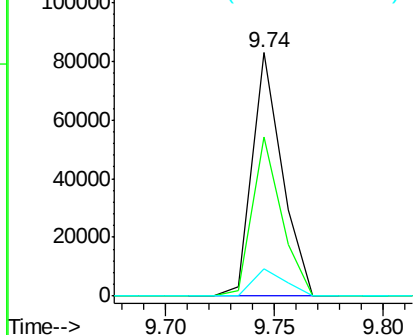


#40
 Hexachlorocyclopentadiene
 Concen: 56.43 ng
 RT: 9.74 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion:237	Resp:	79113
Ion Ratio	Lower	Upper
237	100	
235	65.6	42.0 82.0
272	11.3	0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

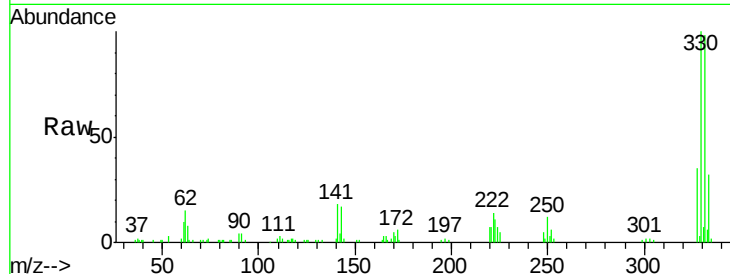




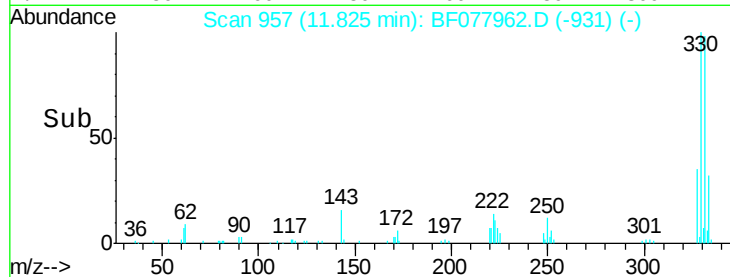
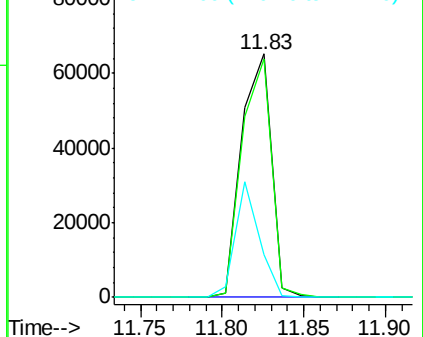
#41
 2,4,6-Tribromophenol
 Concen: 90.03 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tot Ion:330 Resp: 82305
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 38.1 0.0 0.0#

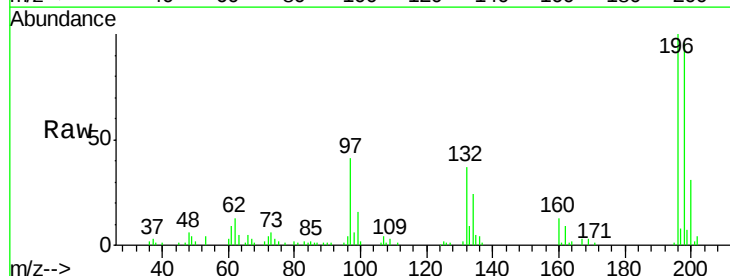


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

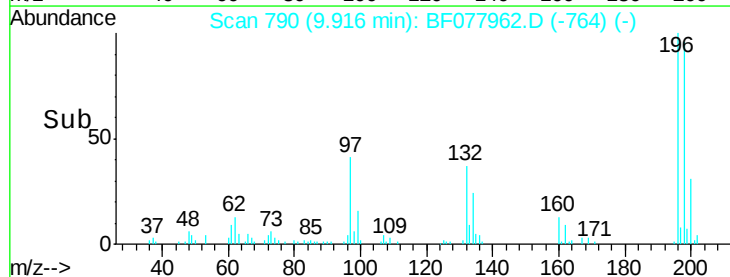
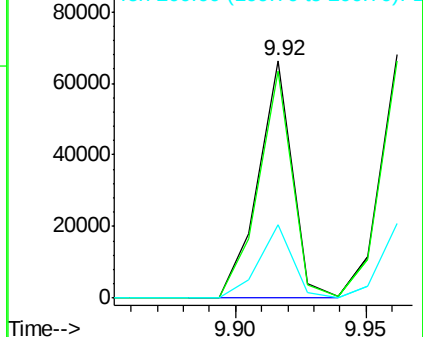


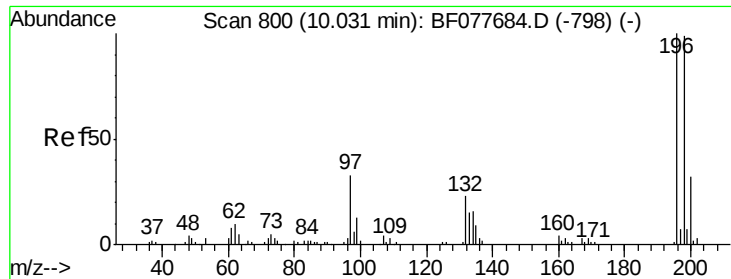
#42
 2,4,6-Trichlorophenol
 Concen: 30.84 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion:196 Resp: 60881
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.3 114.5
 200 30.9 25.6 38.4



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

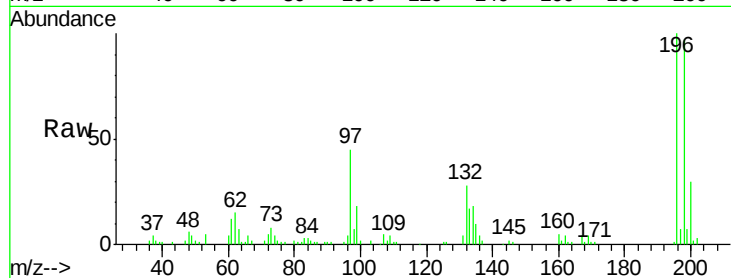




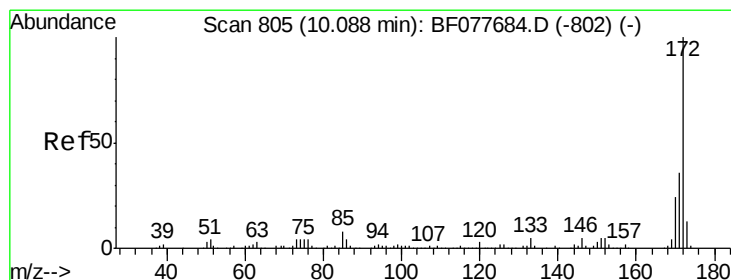
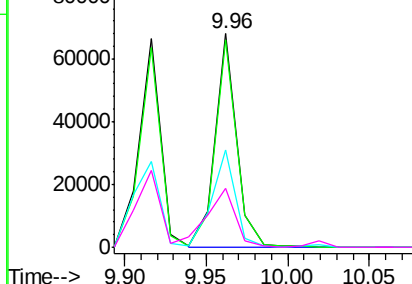
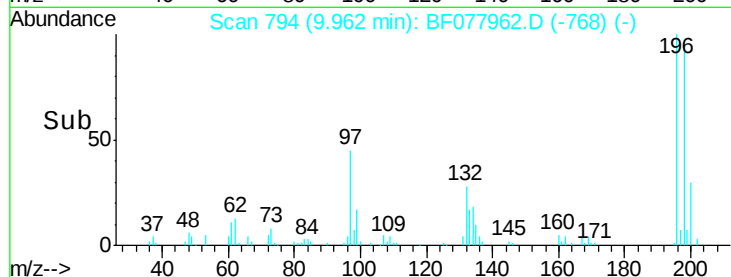
#43
2,4,5-Trichlorophenol
Concen: 29.53 ng
RT: 9.96 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:196	Resp:	62979	
Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.4	119.0
97	45.3	26.8	40.2#
132	27.8	18.6	28.0

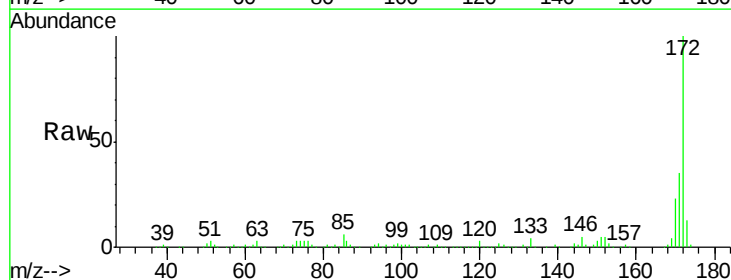


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

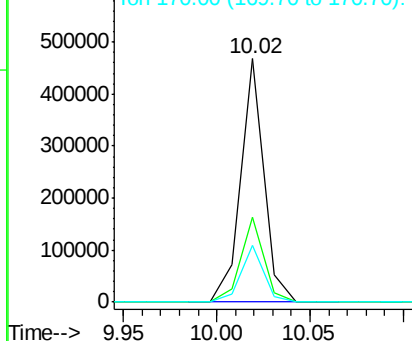
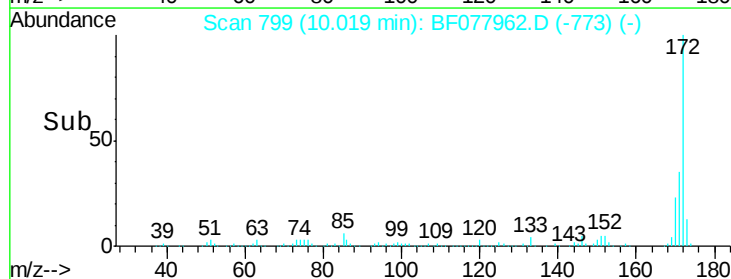


#44
2-Fluorobiphenyl
Concen: 62.58 ng
RT: 10.02 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion	172	Resp:	406886
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.1	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

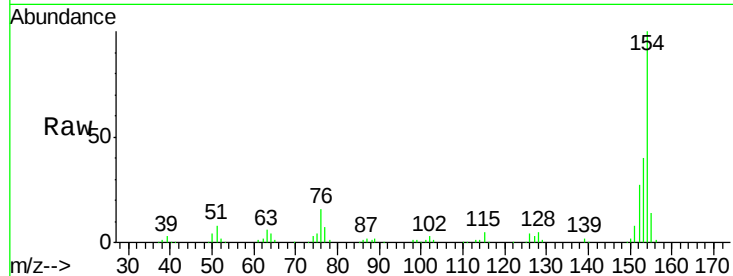




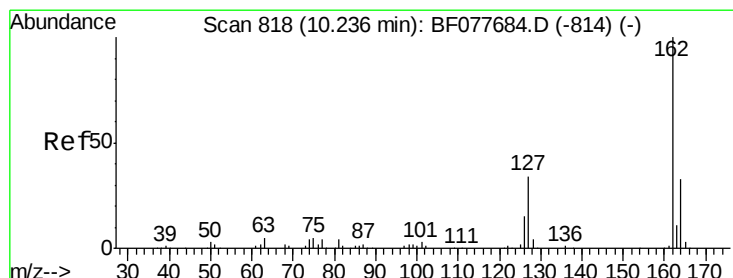
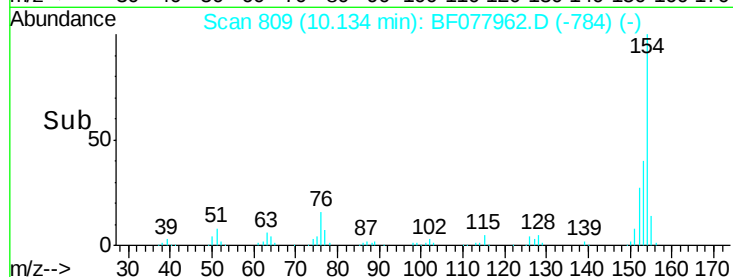
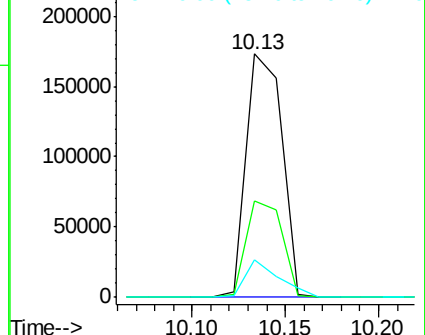
#45
1,1'-Biphenyl
Concen: 30.05 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:154 Resp: 229529
Ion Ratio Lower Upper
154 100
153 39.7 20.7 60.7
76 15.5 0.0 30.9

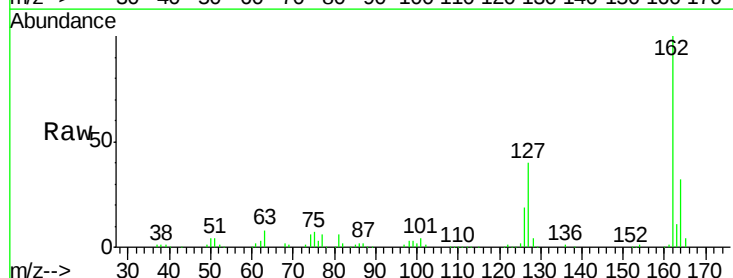


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

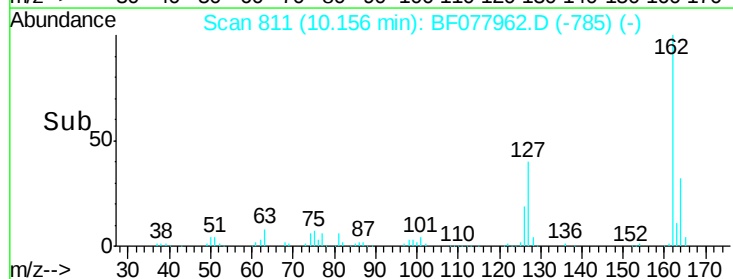
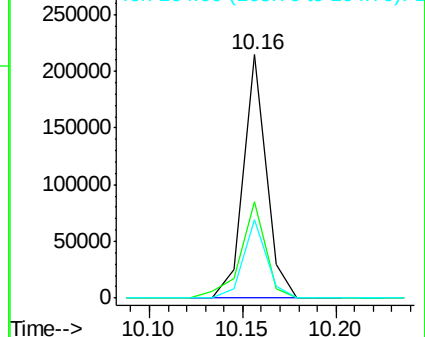


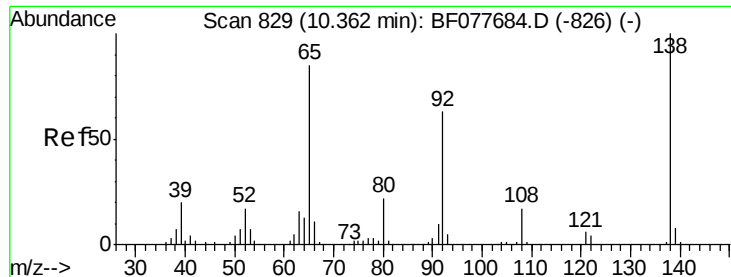
#46
2-Chloronaphthalene
Concen: 29.91 ng
RT: 10.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:162 Resp: 185679
Ion Ratio Lower Upper
162 100
127 39.6 26.9 40.3
164 32.4 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

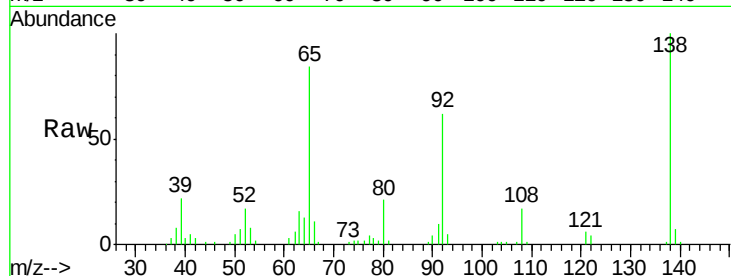




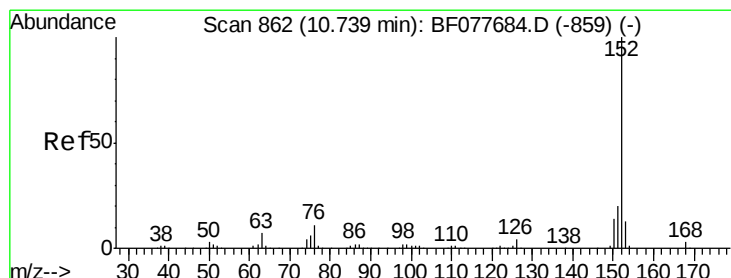
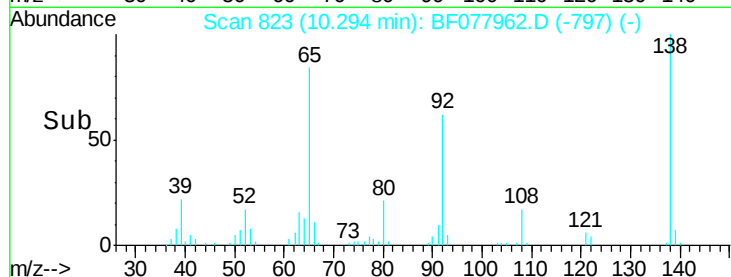
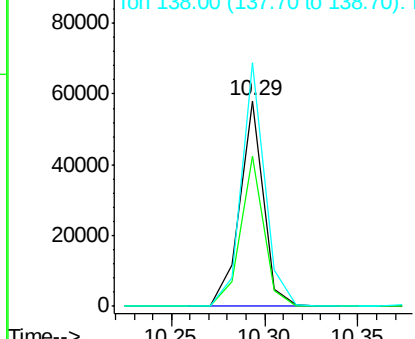
#47
2-Nitroaniline
Concen: 33.40 ng
RT: 10.29 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion: 65 Resp: 51488
Ion Ratio Lower Upper
65 100
92 73.2 59.1 88.7
138 118.6 93.9 140.9

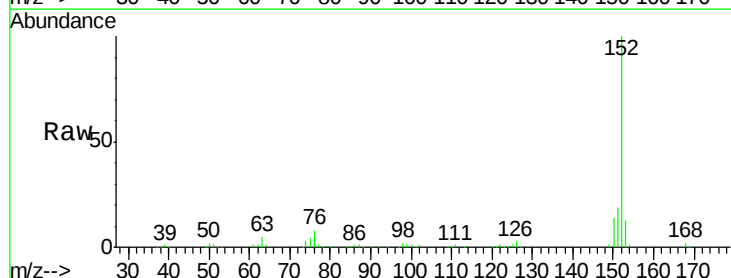


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

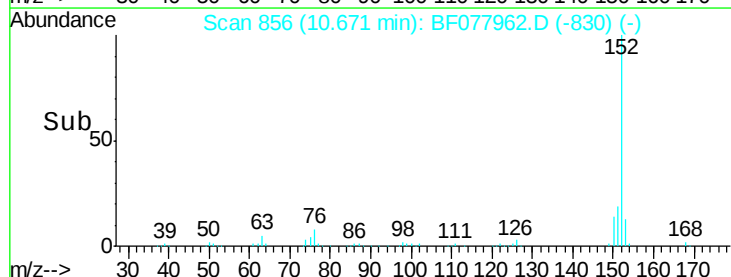
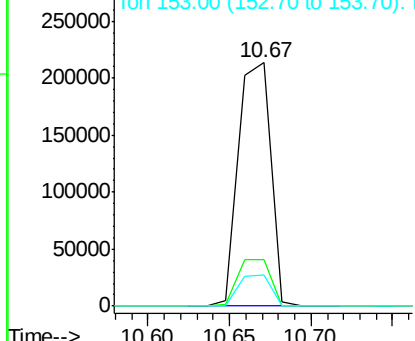


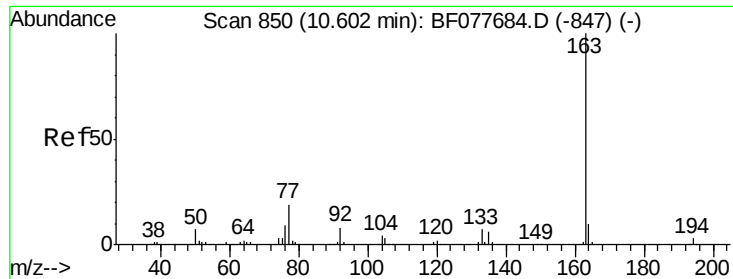
#48
Acenaphthylene
Concen: 28.23 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion: 152 Resp: 291370
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.6 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

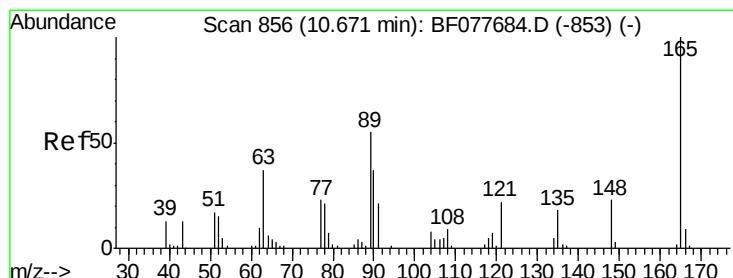
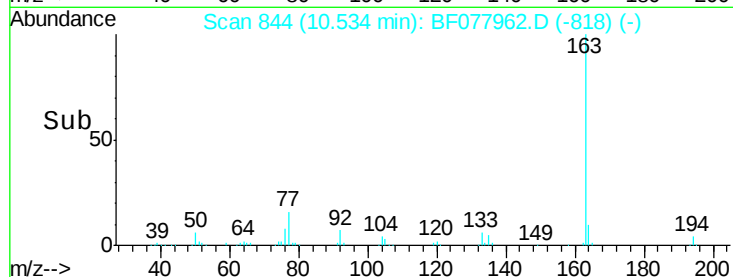
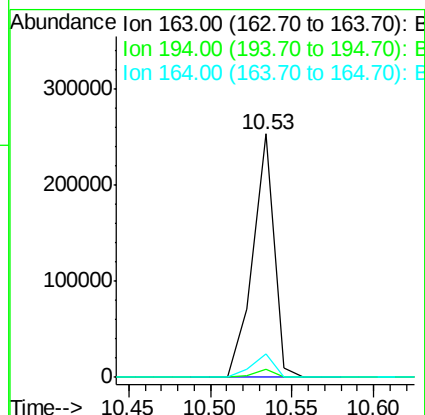
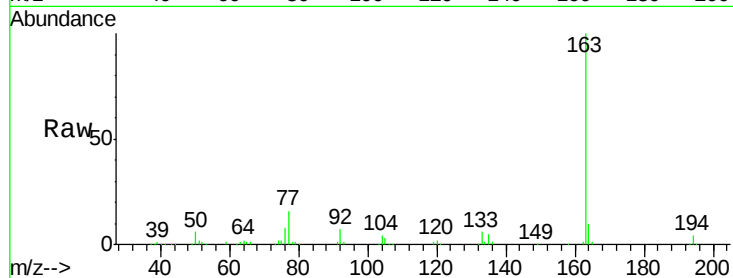




#49
Dimethylphthalate
Concen: 32.48 ng
RT: 10.53 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

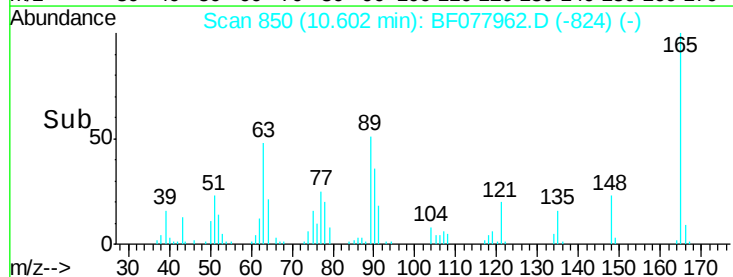
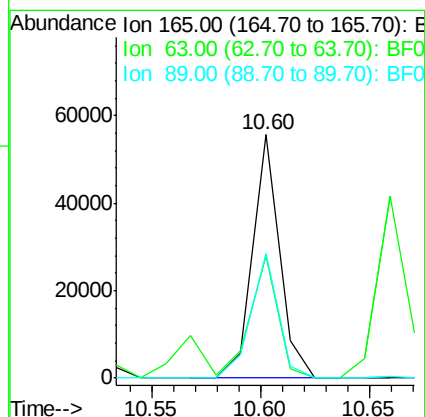
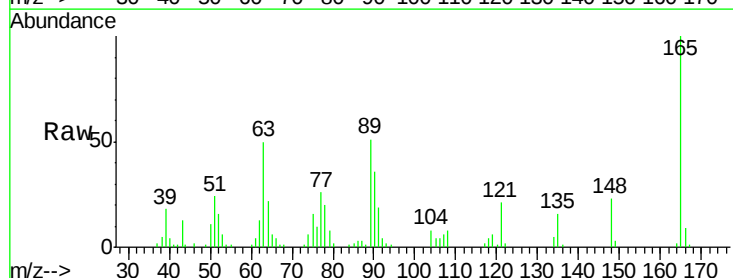
Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:163 Resp: 230142
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 32.70 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:165 Resp: 48037
Ion Ratio Lower Upper
165 100
63 50.3 44.1 66.1
89 51.4 44.3 66.5

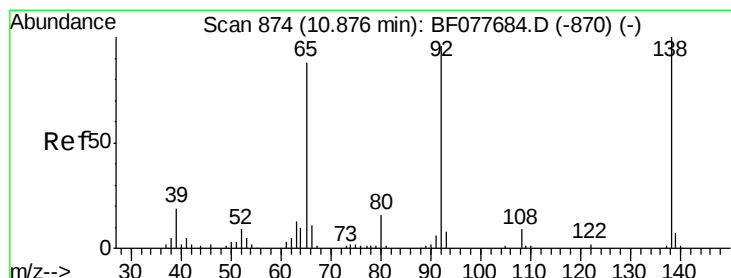
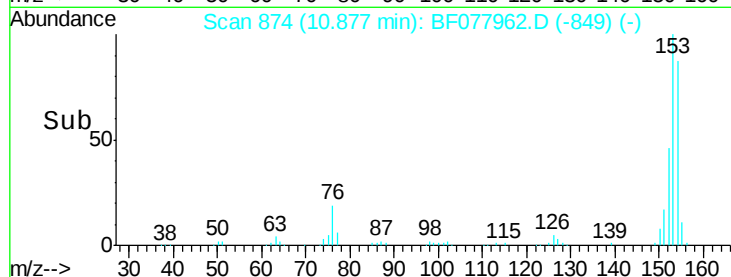
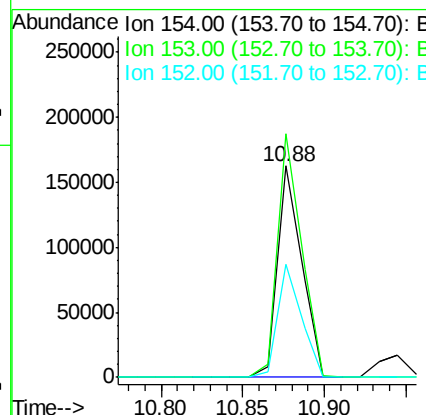
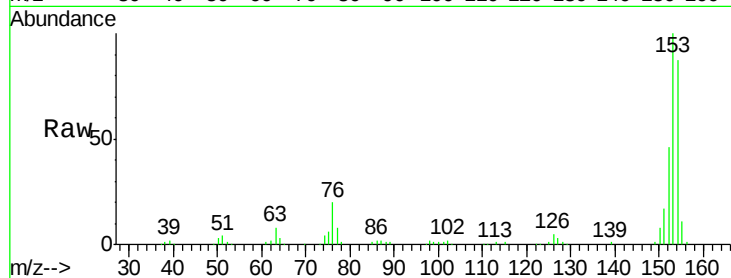




#51
Acenaphthene
Concen: 28.47 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

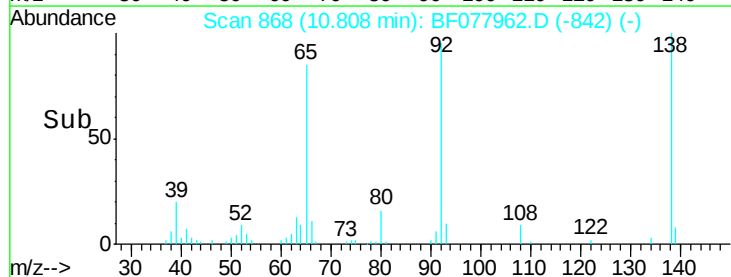
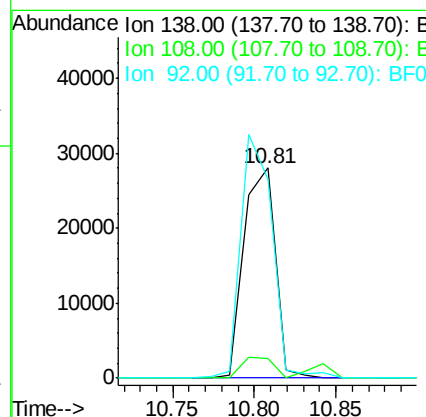
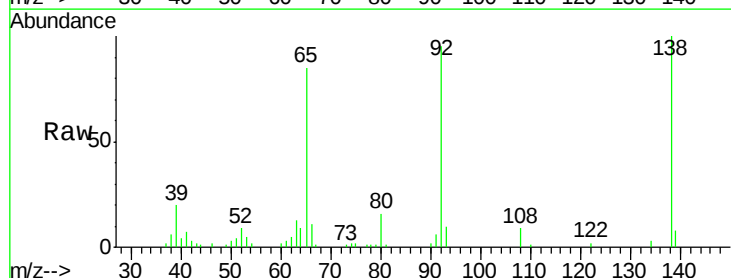
Instrument :
BNA_F
ClientSampleId :
PB82321BS

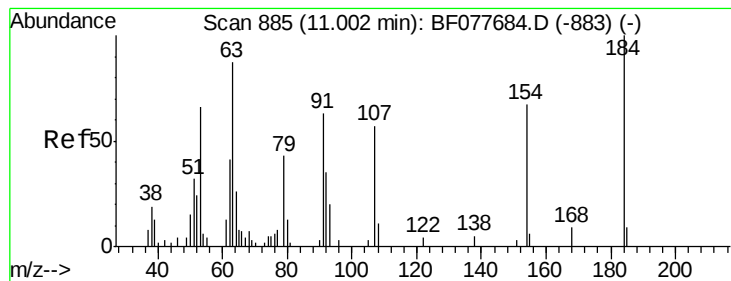
Tot Ion:154 Resp: 168486
Ion Ratio Lower Upper
154 100
153 115.3 90.0 135.0
152 53.4 42.6 63.8



#52
3-Nitroaniline
Concen: 21.83 ng
RT: 10.81 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:138 Resp: 37244
Ion Ratio Lower Upper
138 100
108 9.3 7.3 10.9
92 94.6 76.6 114.8





#53

2,4-Dinitrophenol

Concen: 68.75 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB82321BS

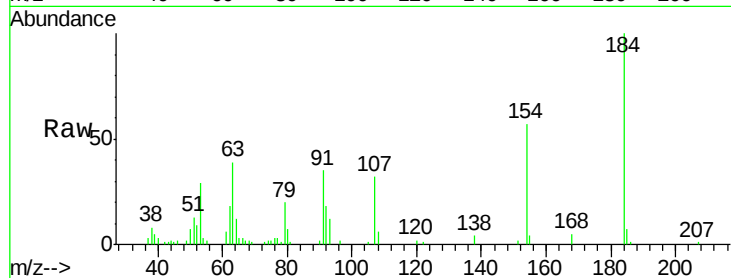
Tot Ion:184 Resp: 36423

Ion Ratio Lower Upper

184 100

63 39.4 69.2 103.8#

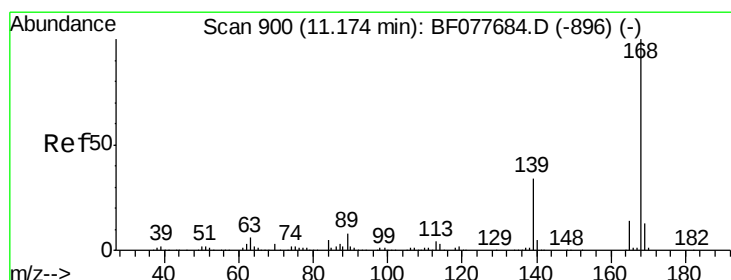
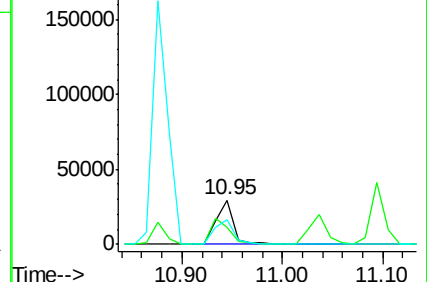
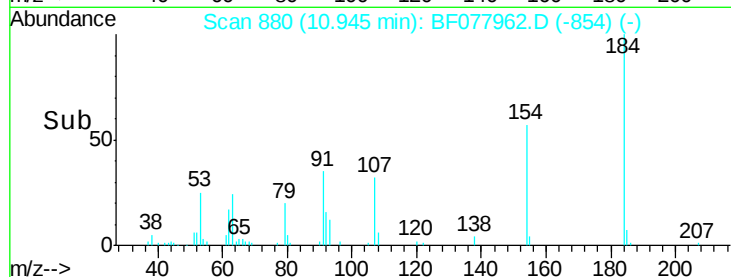
154 57.1 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 30.61 ng

RT: 11.09 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

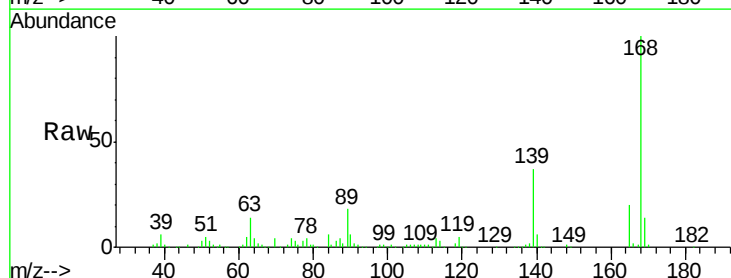
Tgt Ion:168 Resp: 268688

Ion Ratio Lower Upper

168 100

139 37.4 27.3 40.9

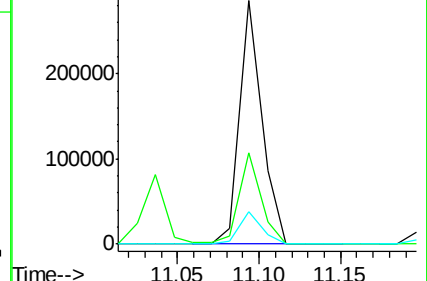
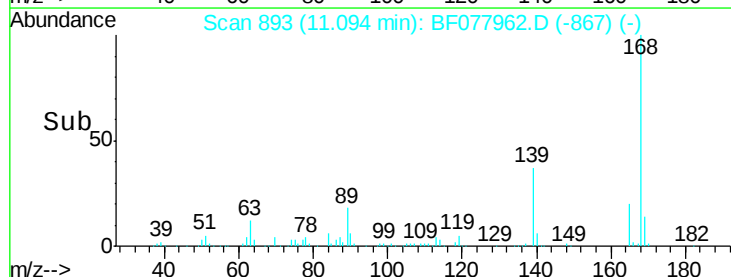
169 13.5 10.6 16.0

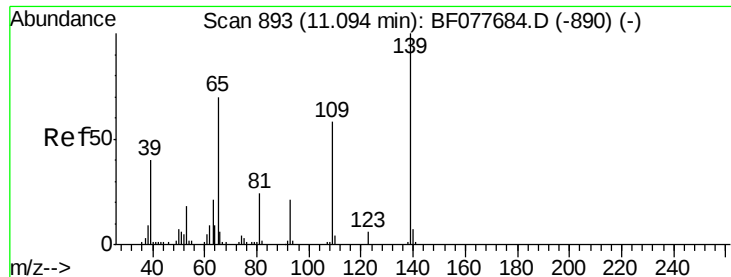


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

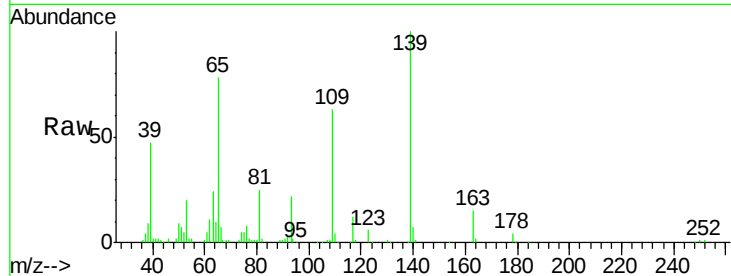




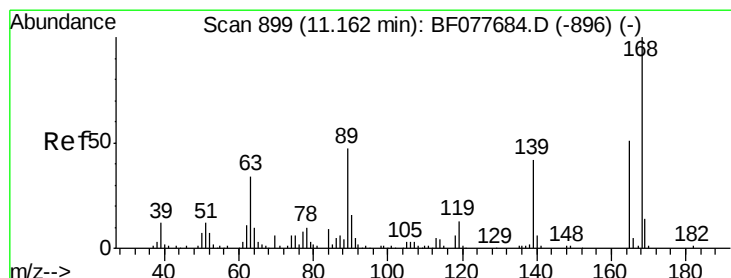
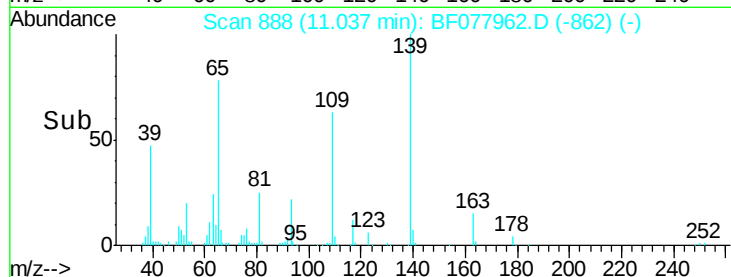
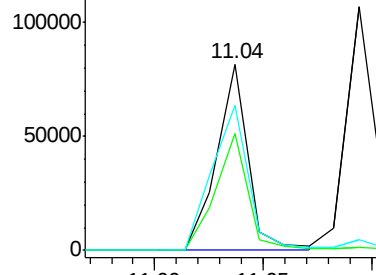
#55
4-Nitrophenol
Concen: 64.56 ng
RT: 11.04 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:139 Resp: 81592
Ion Ratio Lower Upper
139 100
109 62.5 37.7 77.7
65 77.6 49.9 89.9

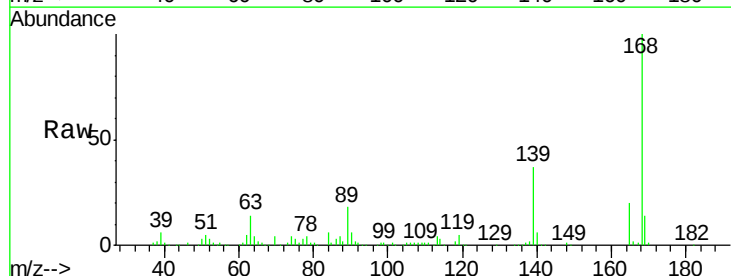


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

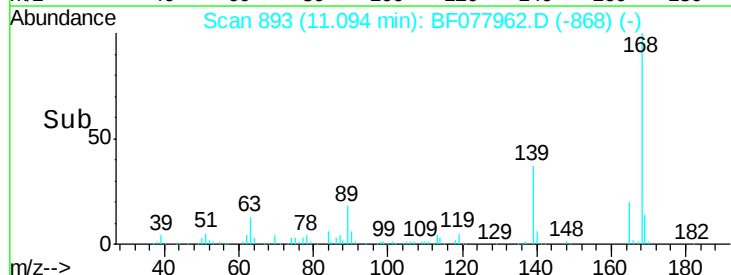
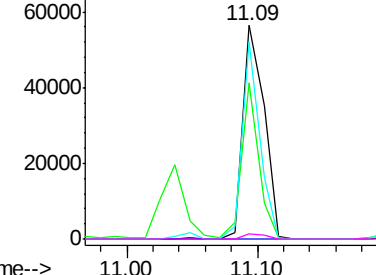


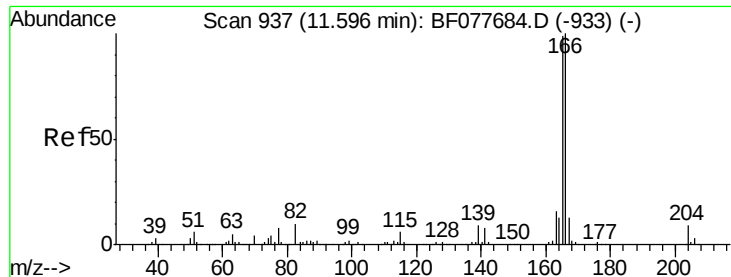
#56
2,4-Dinitrotoluene
Concen: 33.76 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:165 Resp: 64664
Ion Ratio Lower Upper
165 100
63 72.9 52.4 78.6
89 92.4 72.4 108.6
182 2.3 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

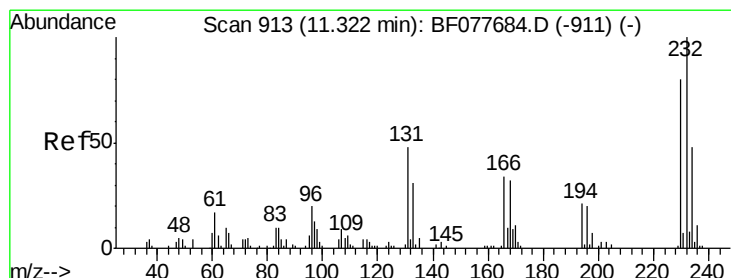
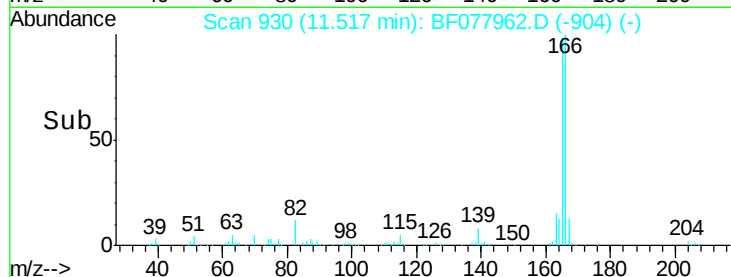
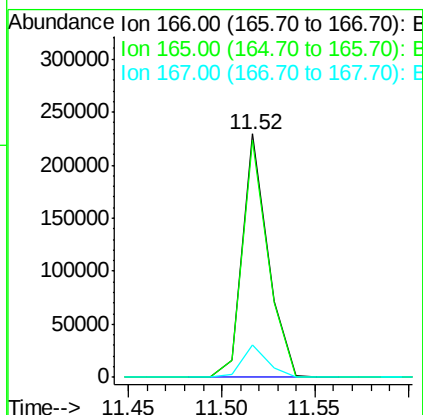
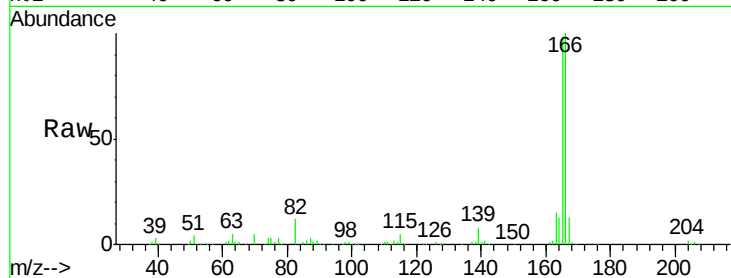




#57
 Fluorene
 Concen: 29.89 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

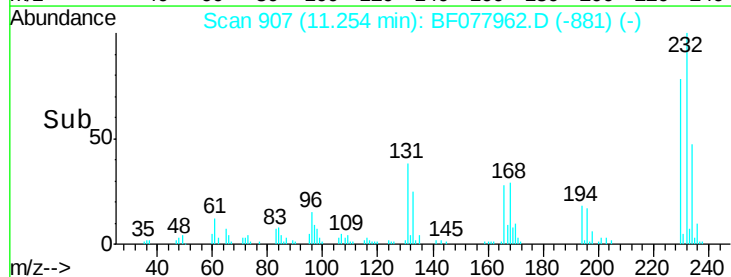
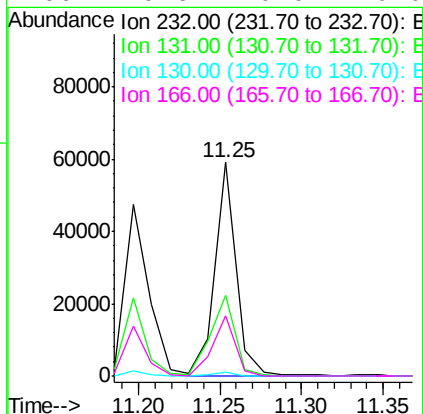
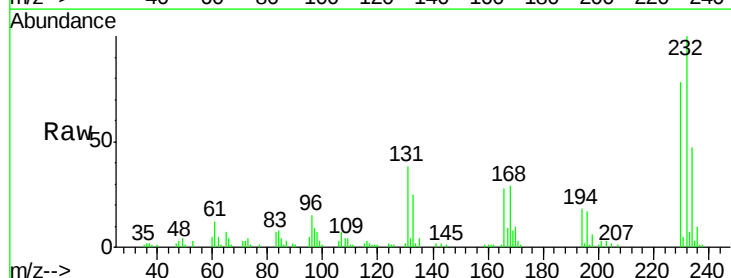
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

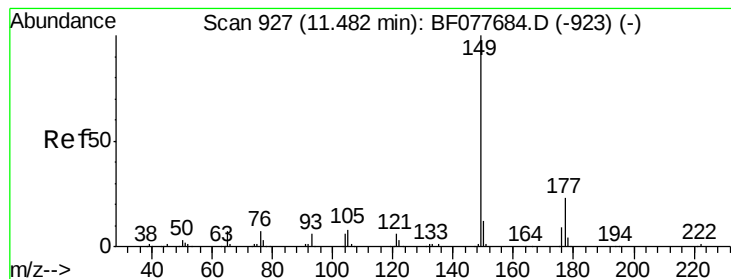
Tot Ion:166 Resp: 217863
 Ion Ratio Lower Upper
 166 100
 165 97.5 79.0 118.4
 167 13.3 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.05 ng
 RT: 11.25 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion:232 Resp: 54279
 Ion Ratio Lower Upper
 232 100
 131 43.1 0.0 0.0#
 130 2.2 0.0 0.0#
 166 29.6 0.0 0.0#





#59

Diethylphthalate

Concen: 31.41 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB82321BS

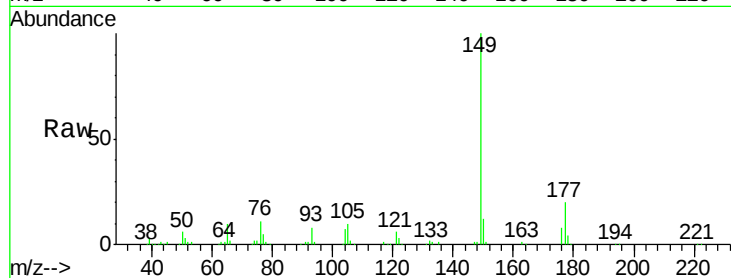
Tot Ion:149 Resp: 216867

Ion Ratio Lower Upper

149 100

177 19.7 18.3 27.5

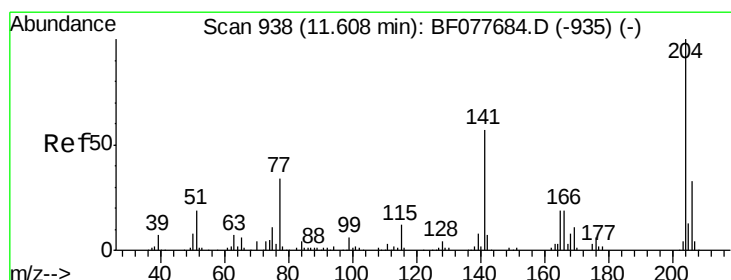
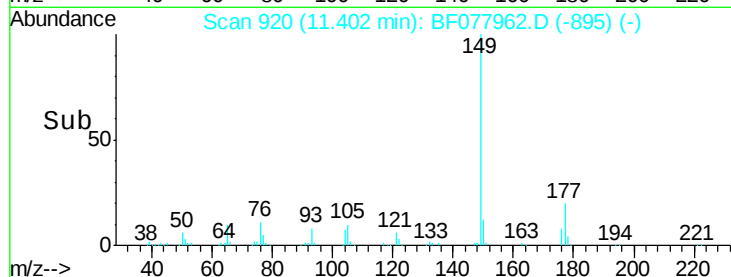
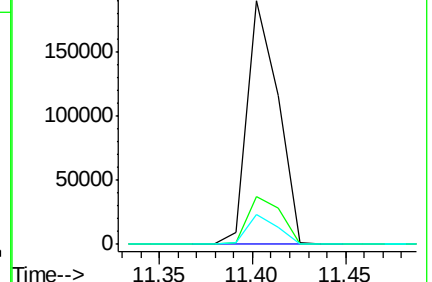
150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.57 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

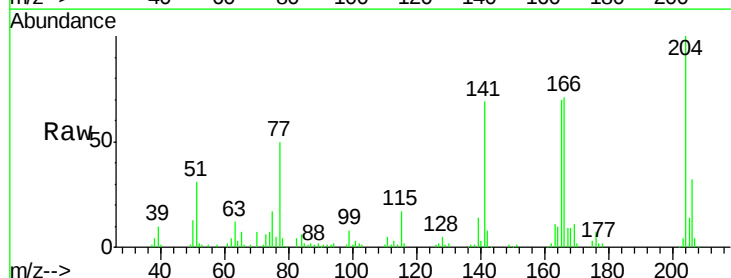
Tgt Ion:204 Resp: 98348

Ion Ratio Lower Upper

204 100

206 32.0 26.6 39.8

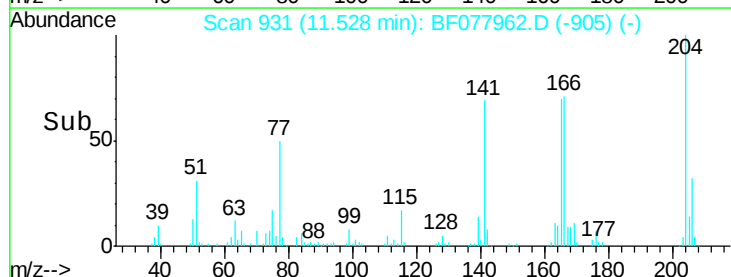
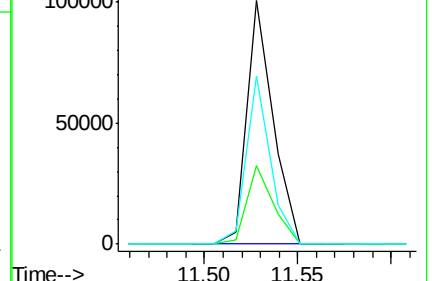
141 68.9 45.2 67.8#

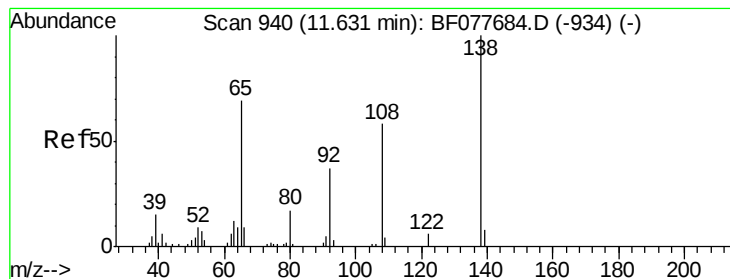


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

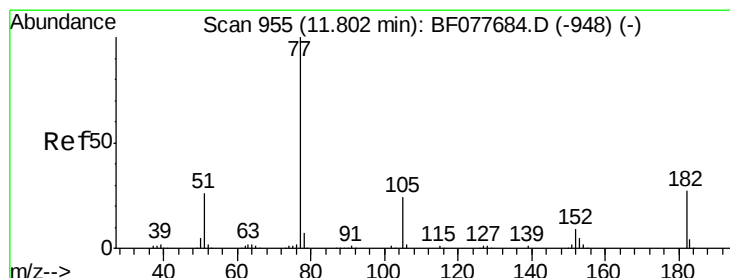
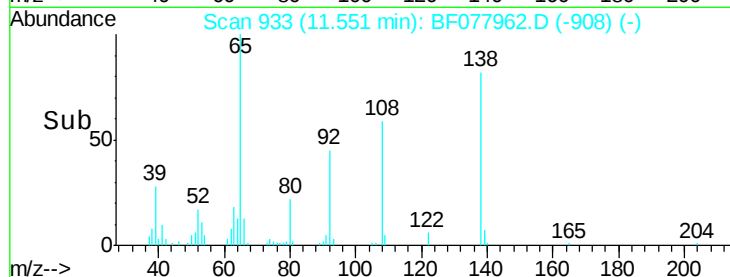
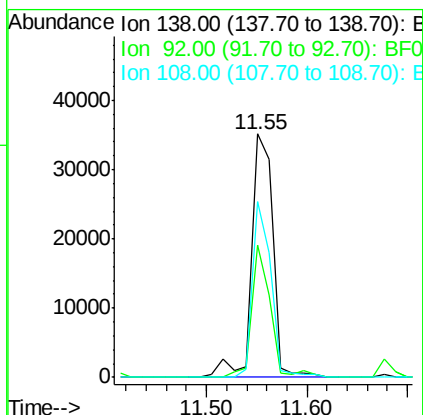
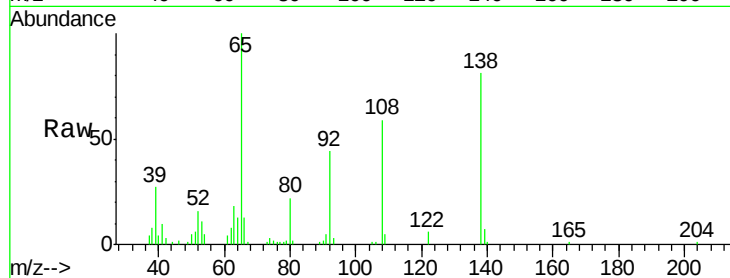




#61
4-Nitroaniline
Concen: 30.27 ng
RT: 11.55 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

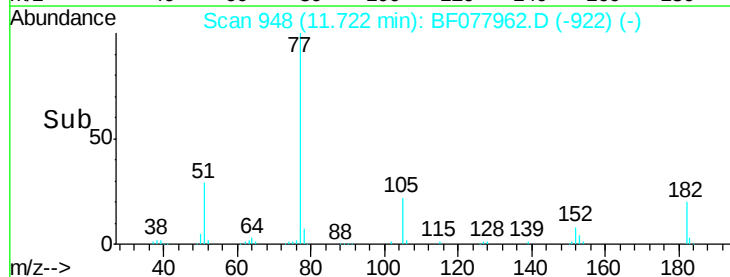
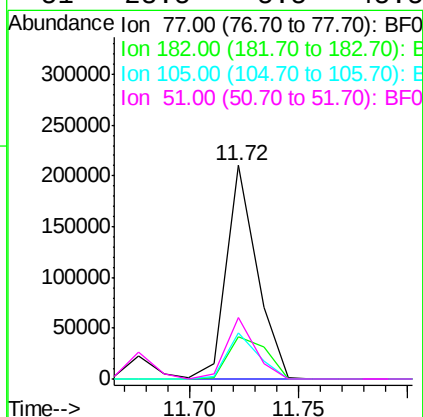
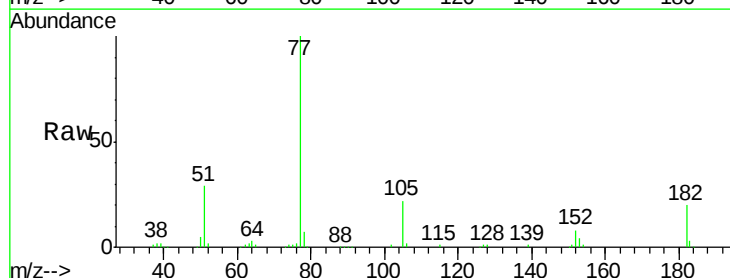
Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:138 Resp: 51466
Ion Ratio Lower Upper
138 100
92 54.4 16.7 56.7
108 72.2 37.6 77.6



#62
Azobenzene
Concen: 30.86 ng
RT: 11.72 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion: 77 Resp: 203642
Ion Ratio Lower Upper
77 100
182 19.8 6.5 46.5
105 21.6 3.8 43.8
51 28.5 5.5 45.5

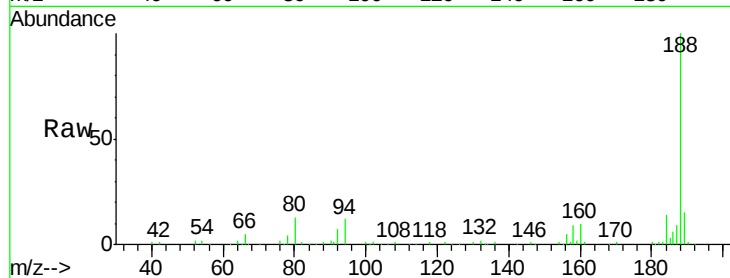




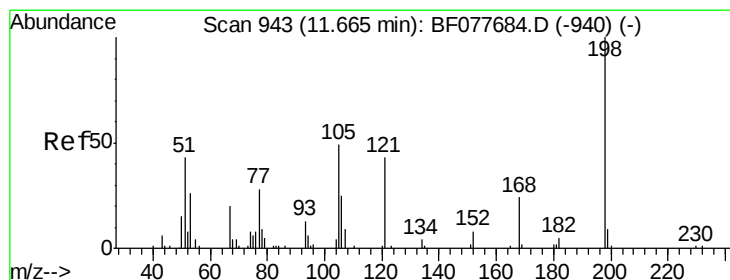
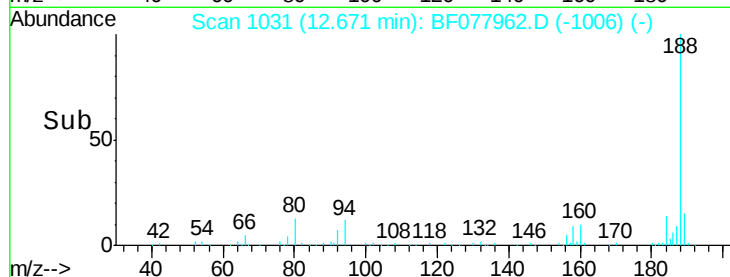
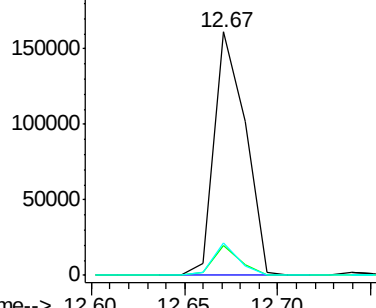
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:188 Resp: 187382
Ion Ratio Lower Upper
188 100
94 12.1 8.7 13.1
80 13.4 9.3 13.9

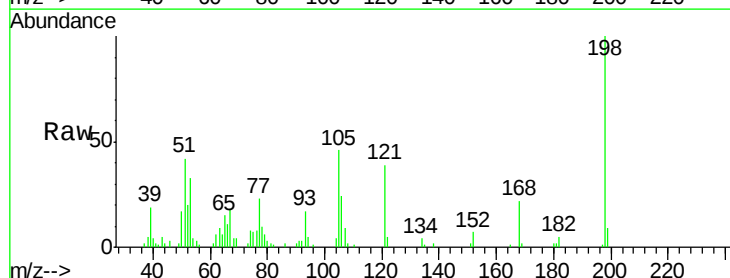


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

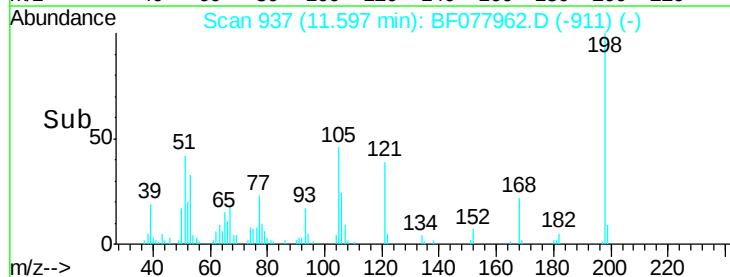
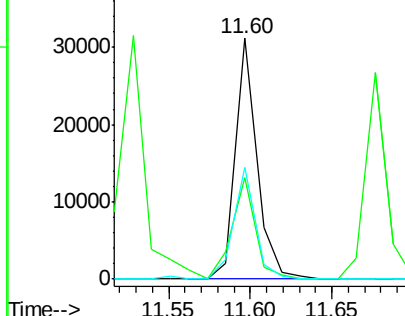


#64
4,6-Dinitro-2-methylphenol
Concen: 33.30 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:198 Resp: 28180
Ion Ratio Lower Upper
198 100
51 42.2 28.8 68.8
105 46.3 30.5 70.5



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

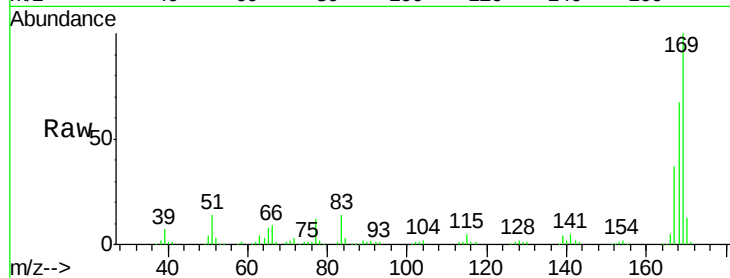




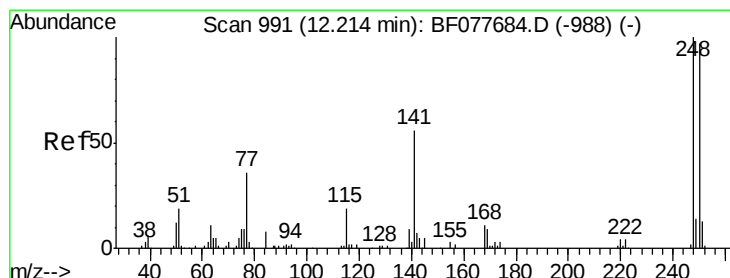
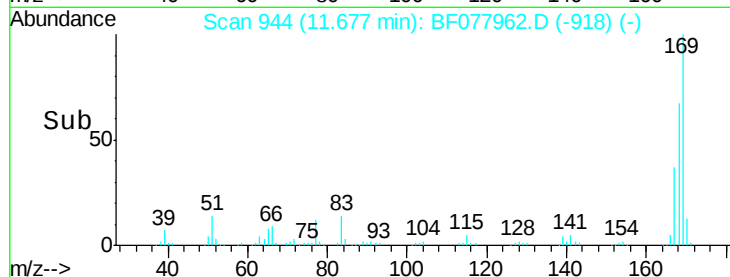
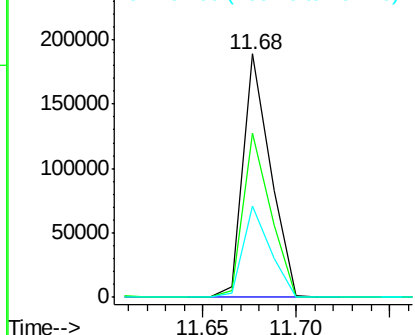
#65
 n-Nitrosodiphenylamine
 Concen: 30.91 ng
 RT: 11.68 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tot Ion:169 Resp: 192831
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.9 80.9
 167 37.2 28.9 43.3

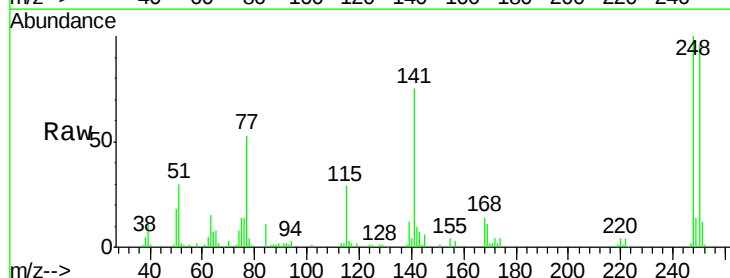


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

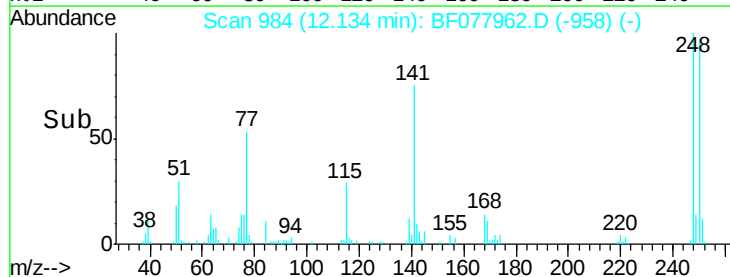
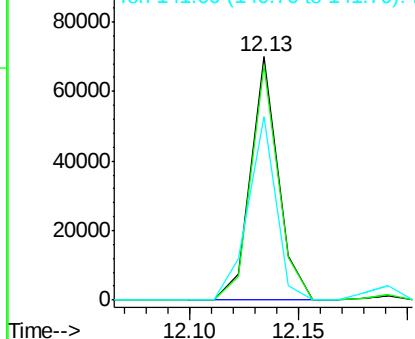


#66
 4-Bromophenyl-phenylether
 Concen: 30.81 ng
 RT: 12.13 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion:248 Resp: 61614
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.4 116.0
 141 75.4 45.2 67.8#



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

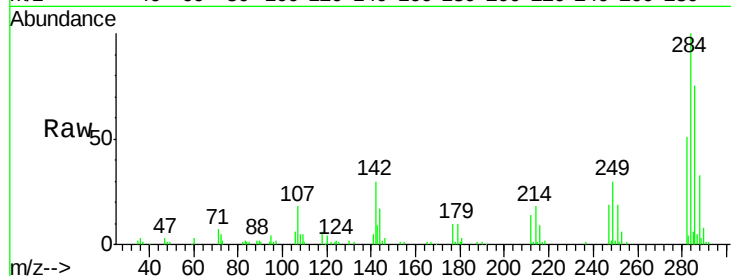




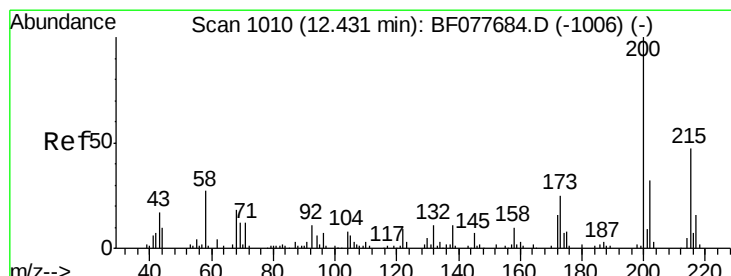
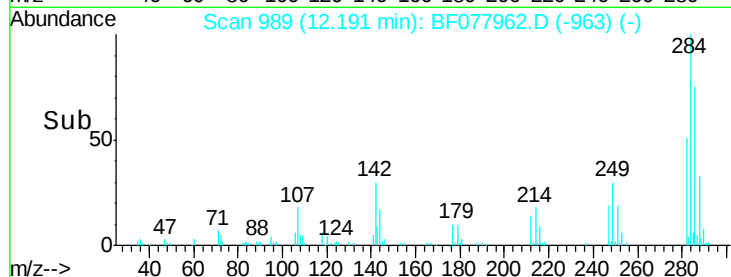
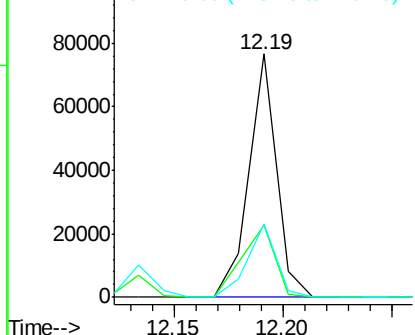
#67
Hexachlorobenzene
Concen: 30.73 ng
RT: 12.19 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:284 Resp: 67533
Ion Ratio Lower Upper
284 100
142 29.7 20.4 30.6
249 30.2 23.8 35.6

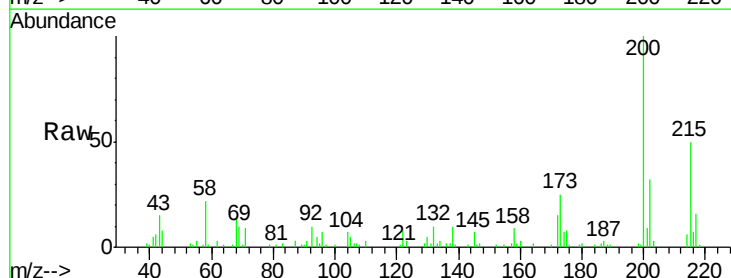


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

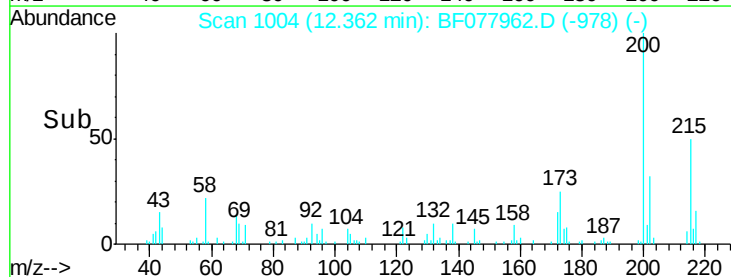
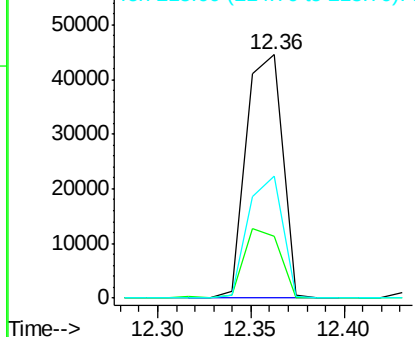


#68
Atrazine
Concen: 34.24 ng
RT: 12.36 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:200 Resp: 59878
Ion Ratio Lower Upper
200 100
173 25.3 4.8 44.8
215 50.0 26.9 66.9



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

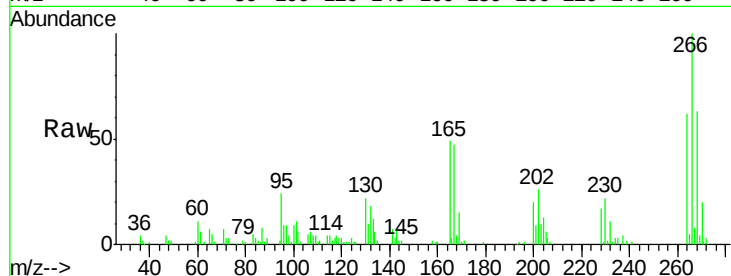




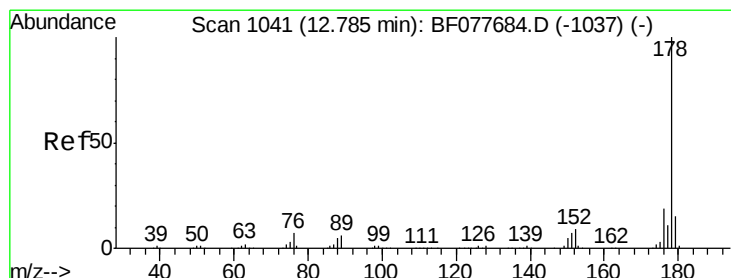
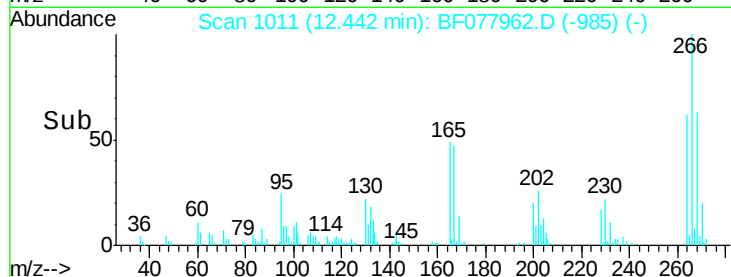
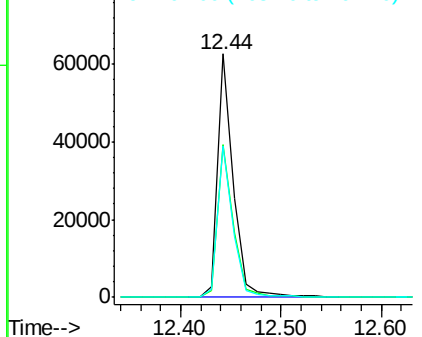
#69
 Pentachlorophenol
 Concen: 59.65 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Instrument :
 BNA_F
 ClientSampled :
 PB82321BS

Tot Ion:266 Resp: 67707
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.0 78.0
 264 62.3 49.0 73.4

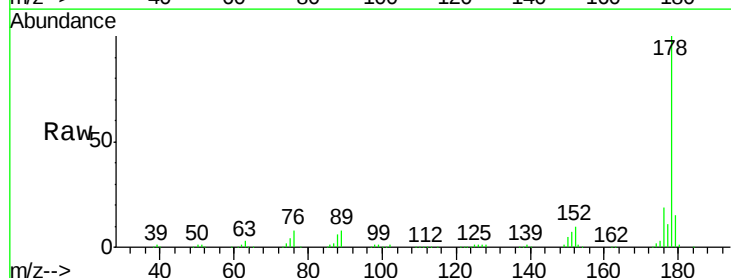


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

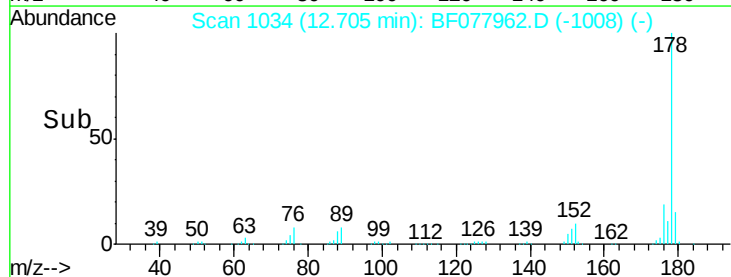
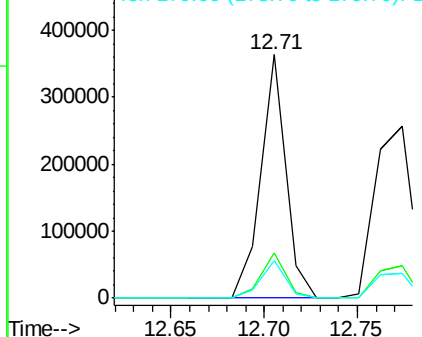


#70
 Phenanthrene
 Concen: 31.21 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion:178 Resp: 335702
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.2 12.1 18.1



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

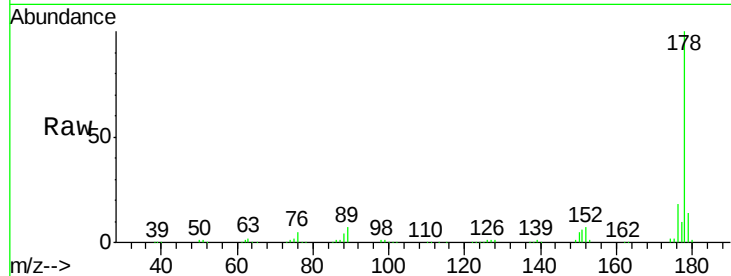




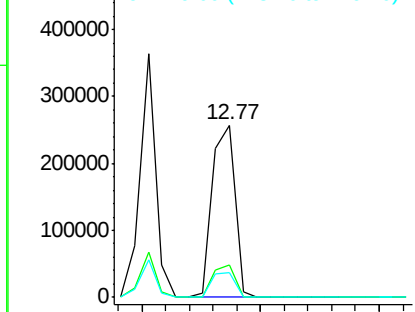
#71
 Anthracene
 Concen: 32.05 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

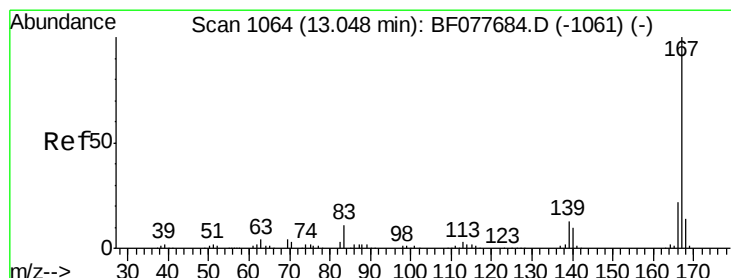
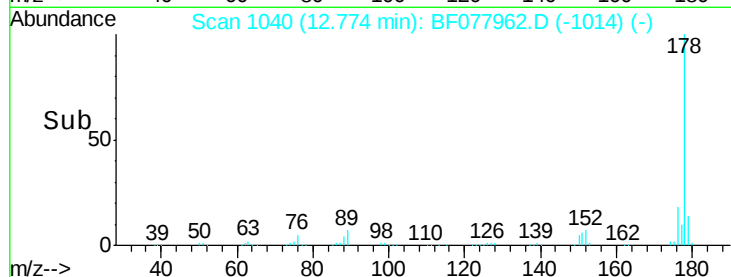
Tot Ion:178 Resp: 340655
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 22.0
 179 14.2 12.6 19.0



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

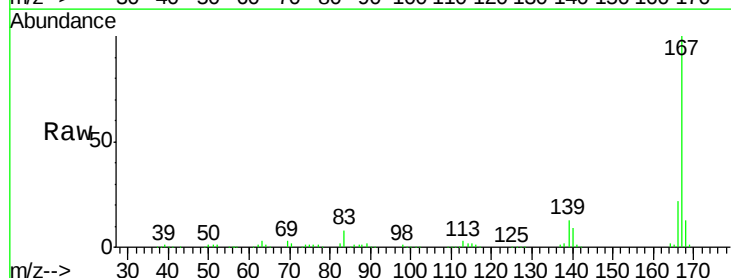


Time-->

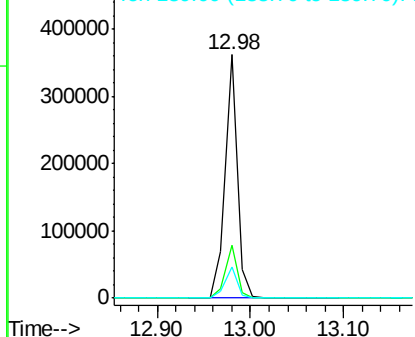


#72
 Carbazole
 Concen: 32.64 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

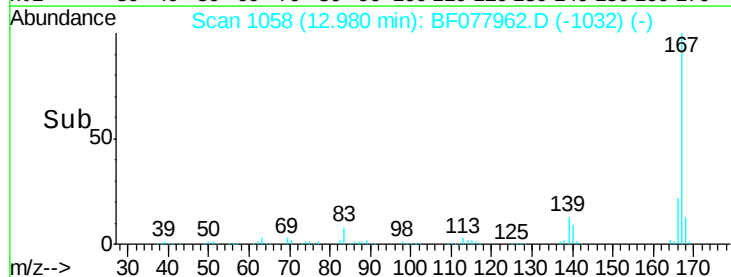
Tgt Ion:167 Resp: 329973
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.6 10.8 16.2



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



Time-->

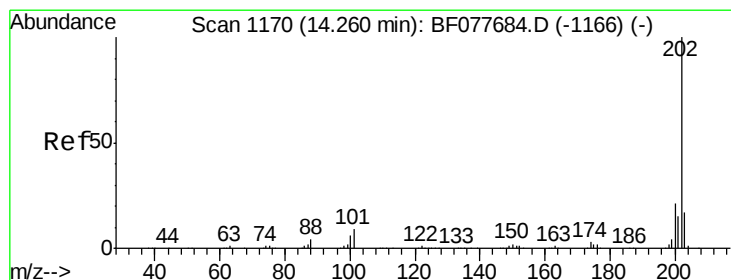
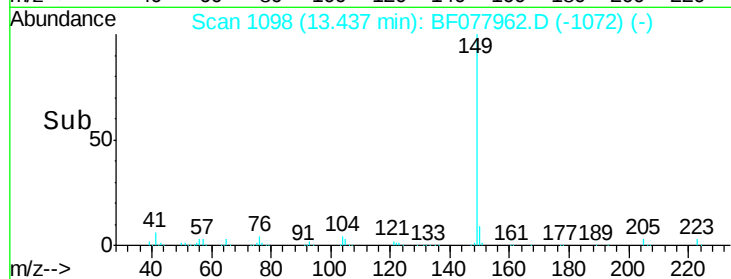
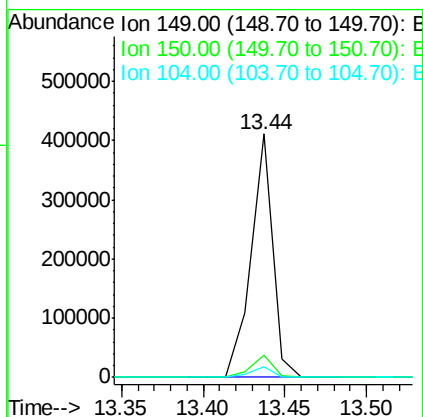
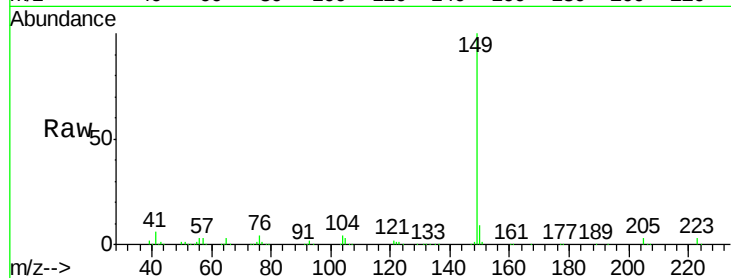




#73
Di-n-butylphthalate
Concen: 33.44 ng
RT: 13.44 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

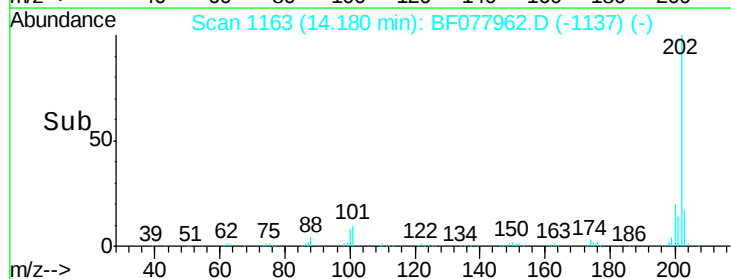
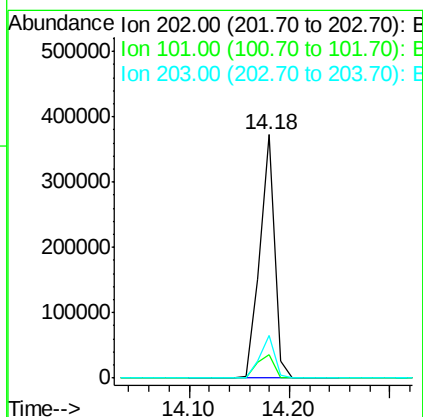
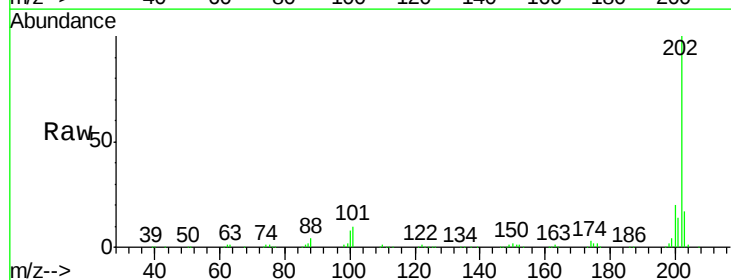
Instrument :
BNA_F
ClientSampled :
PB82321BS

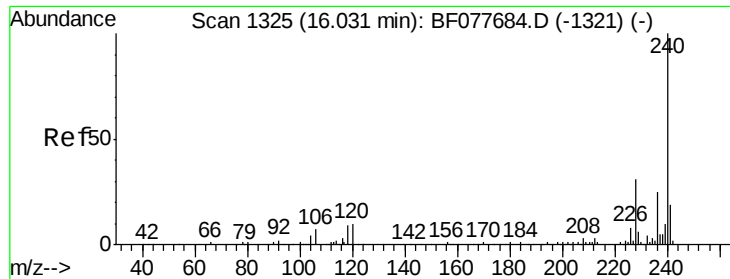
Tot Ion:149 Resp: 379061
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 4.4 3.7 5.5



#74
Fluoranthene
Concen: 32.29 ng
RT: 14.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:202 Resp: 383102
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.7
203 17.3 0.0 37.2

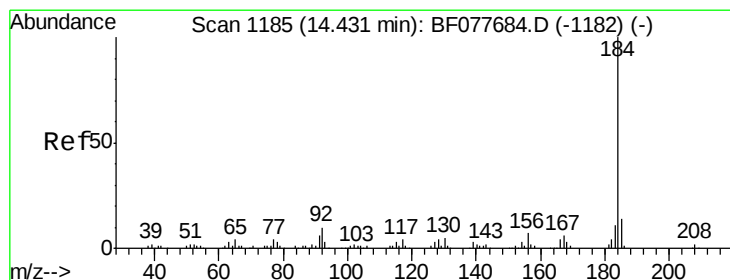
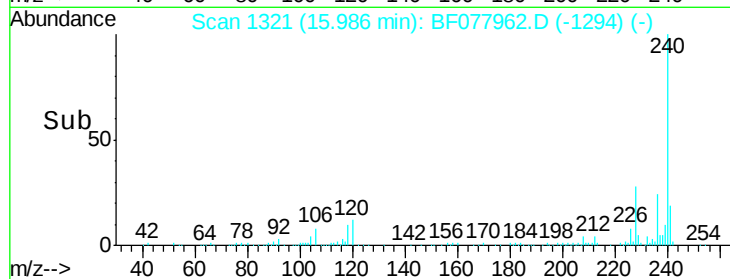
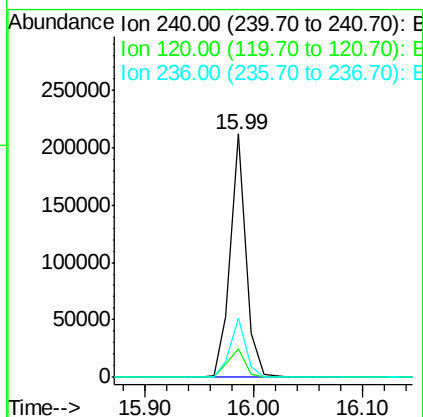
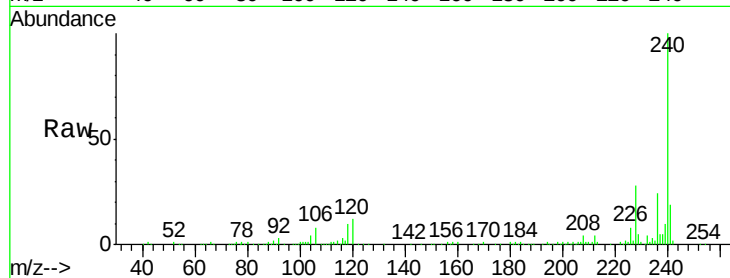




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

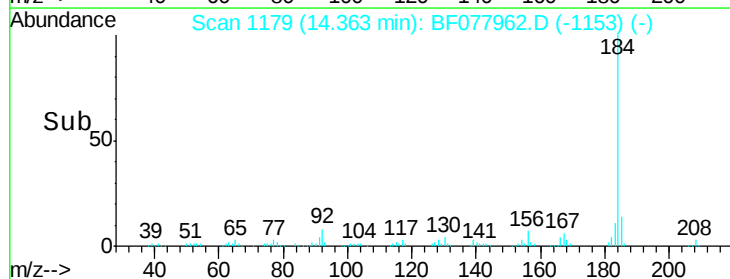
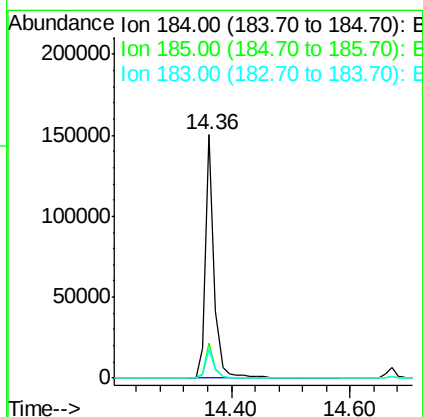
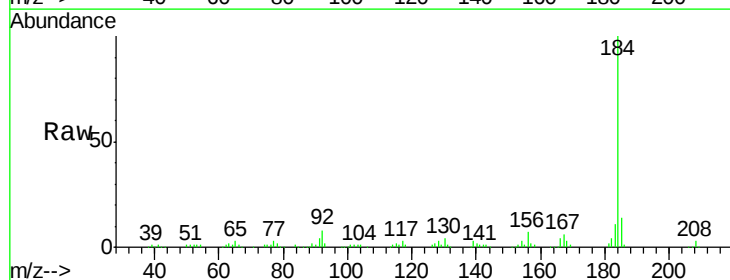
Instrument :
BNA_F
ClientSampleId :
PB82321BS

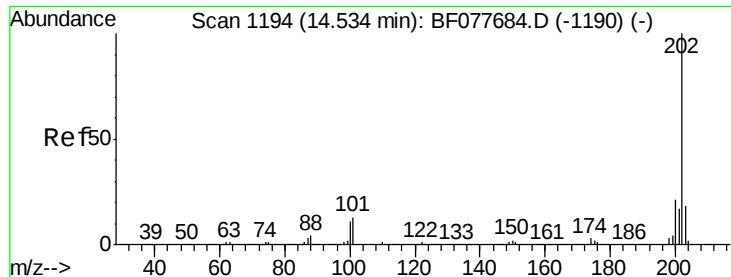
Tot Ion:240 Resp: 211489
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.2
236 24.5 20.0 30.0



#76
Benzidine
Concen: 29.89 ng
RT: 14.36 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:184 Resp: 157003
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 11.5 8.9 13.3

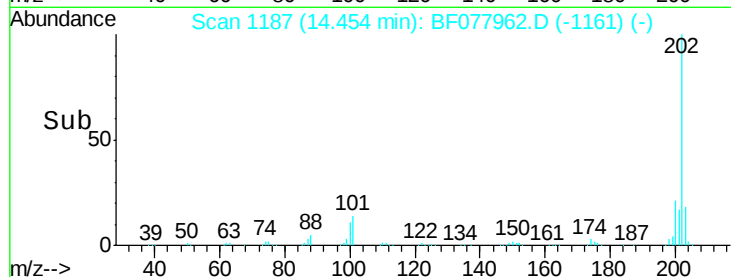
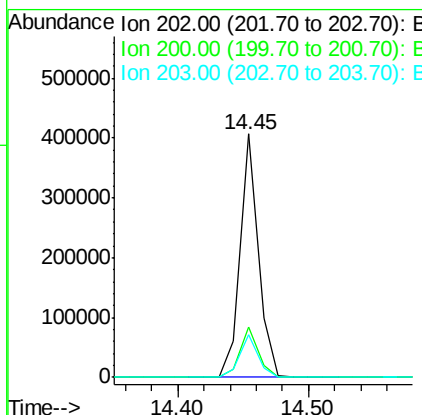
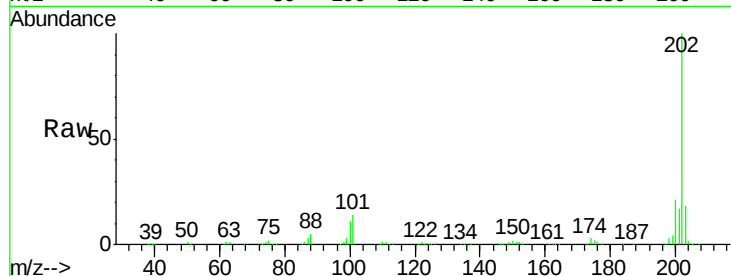




#77
Pvrene
Concen: 29.46 ng
RT: 14.45 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

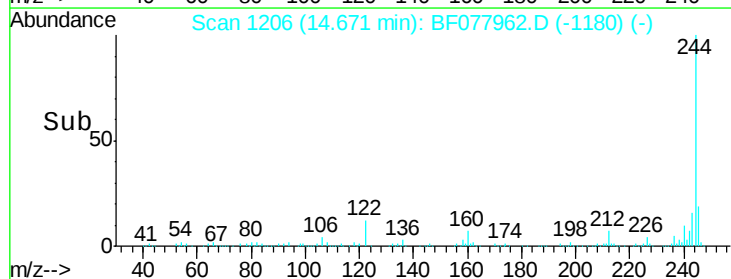
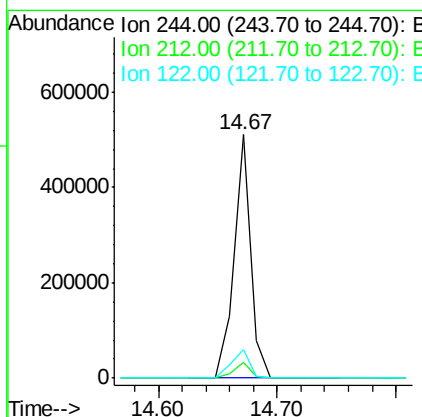
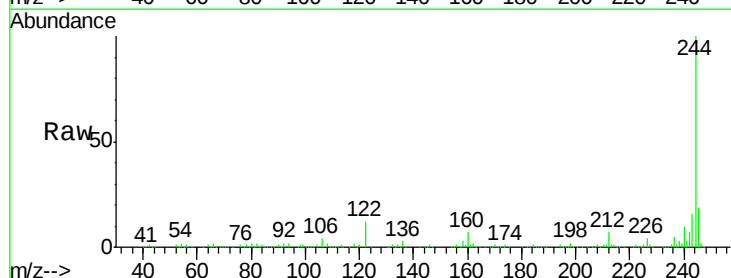
Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.6	14.1	21.1



#78
Terphenyl-d14
Concen: 57.45 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.9	7.3
122	11.5	6.2	9.4

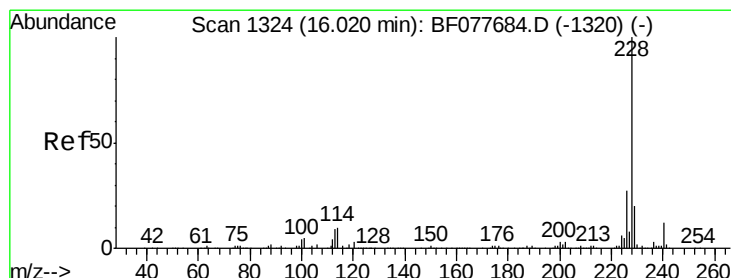
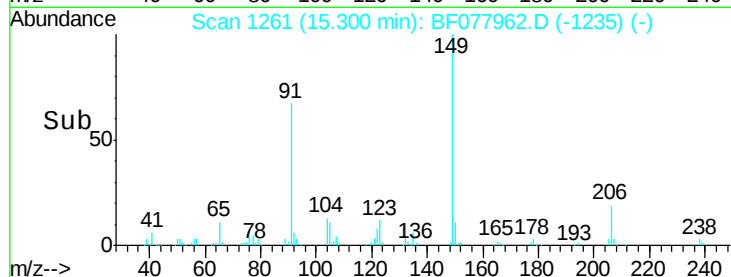
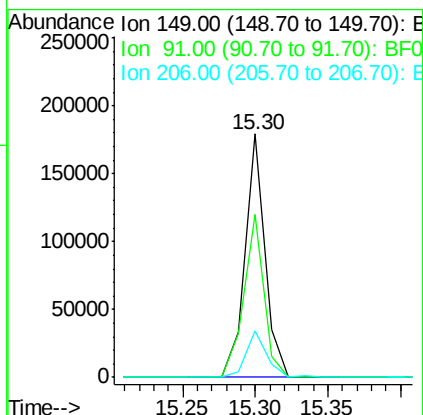
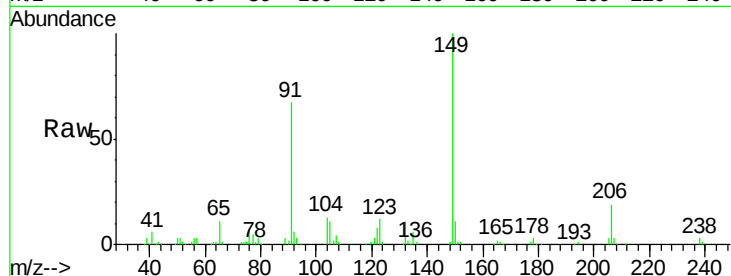




#79
Butylbenzylphthalate
Concen: 32.60 ng
RT: 15.30 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

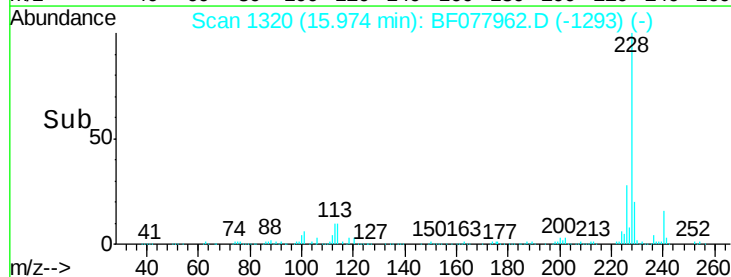
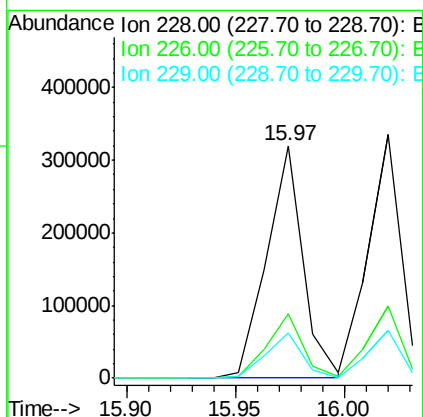
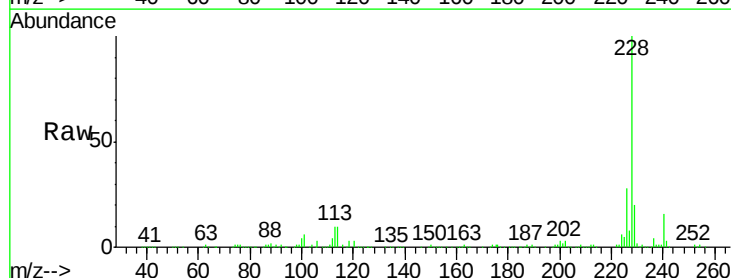
Instrument :
BNA_F
ClientSampleId :
PB82321BS

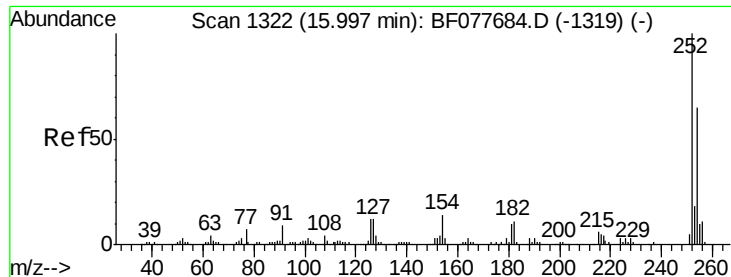
Tot Ion:149 Resp: 170925
Ion Ratio Lower Upper
149 100
91 67.1 50.1 75.1
206 19.3 16.2 24.2



#80
Benzo(a)anthracene
Concen: 29.65 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:228 Resp: 371751
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.7 16.0 24.0

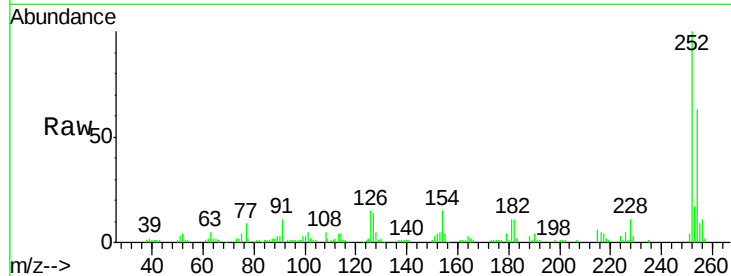




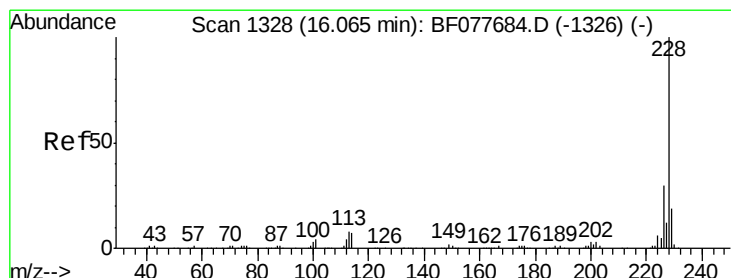
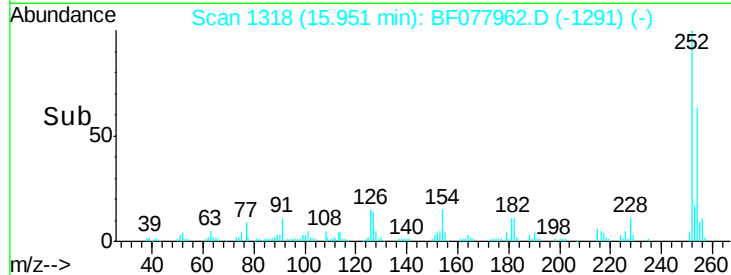
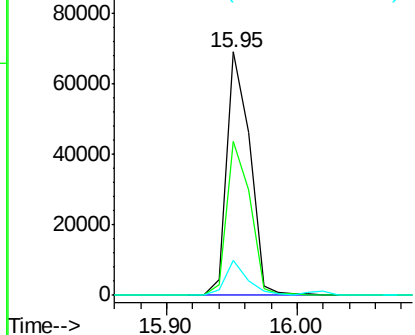
#81
 3,3'-Dichlorobenzidine
 Concen: 20.64 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tot Ion:252 Resp: 85372
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.9 77.9
 126 14.6 9.8 14.8

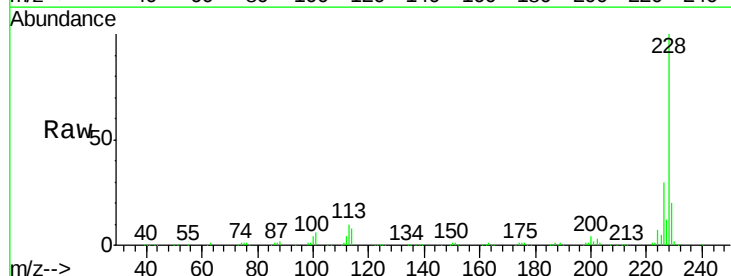


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

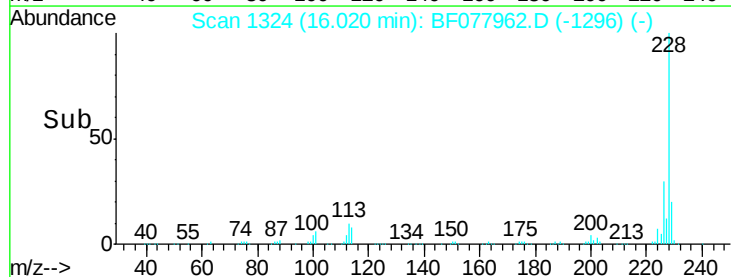
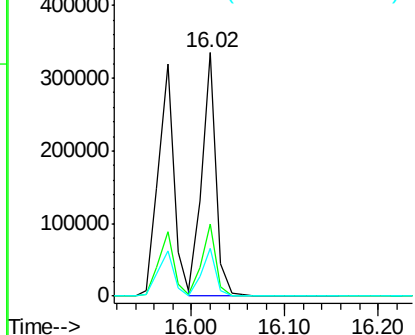


#82
 Chrysene
 Concen: 31.78 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. 0.02 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion:228 Resp: 358186
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.1 36.1
 229 19.7 15.5 23.3



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

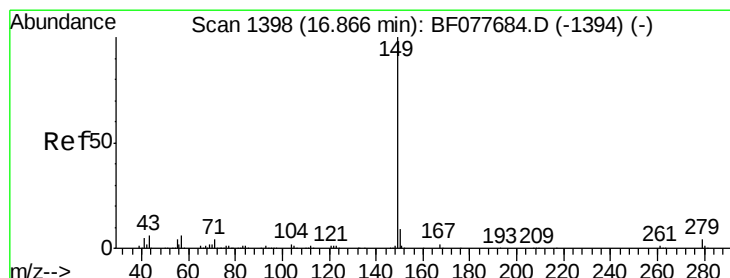
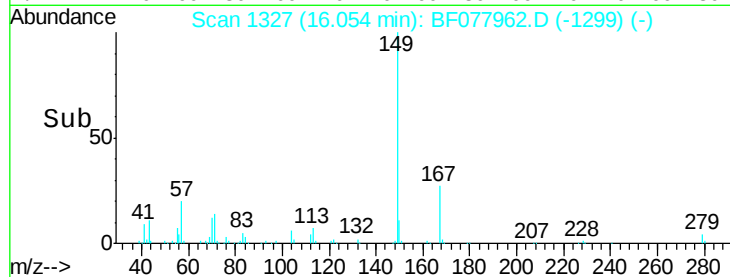
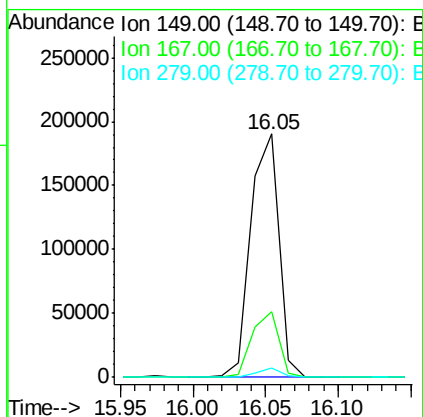
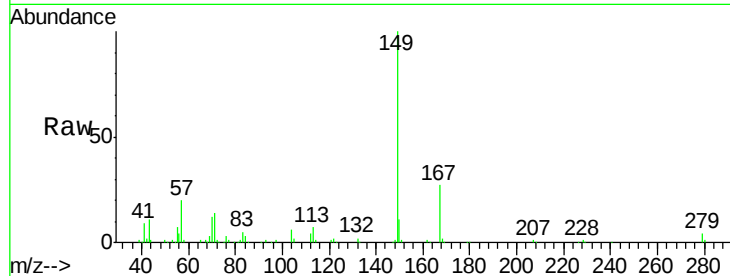




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.29 ng
 RT: 16.05 min Scan# 1327
 Delta R.T. 0.02 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

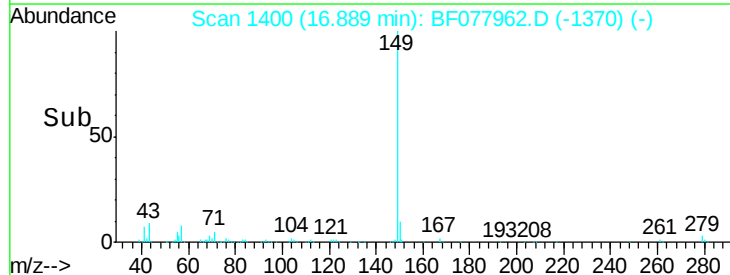
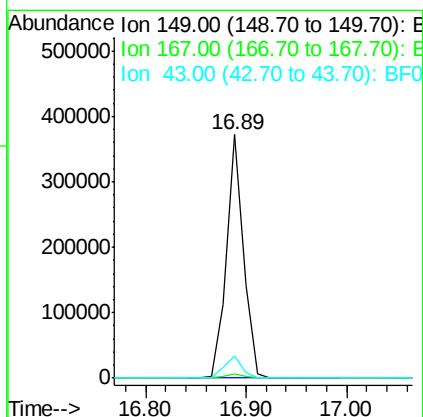
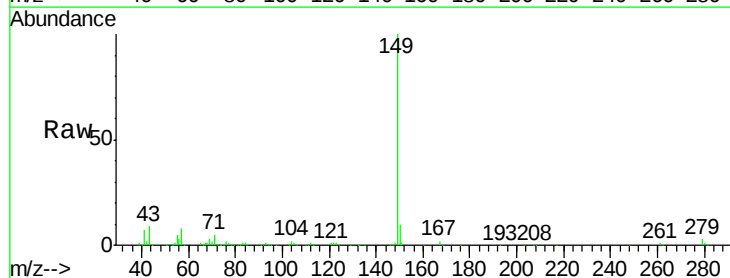
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tot Ion:149 Resp: 256444
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.4 33.6
 279 4.1 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 32.21 ng
 RT: 16.89 min Scan# 1400
 Delta R.T. 0.05 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion:149 Resp: 437466
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 7.3 10.9

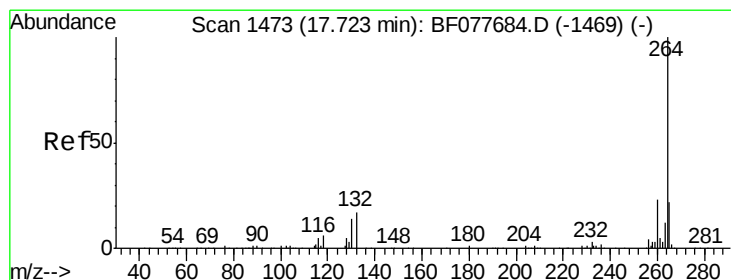
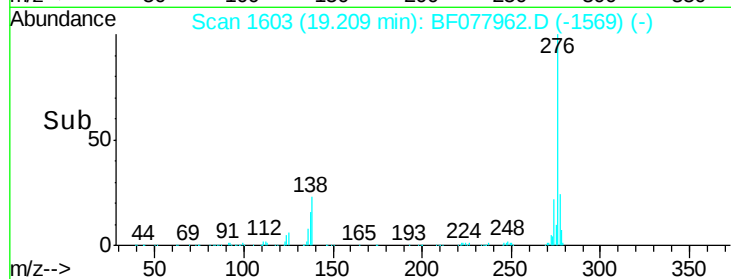
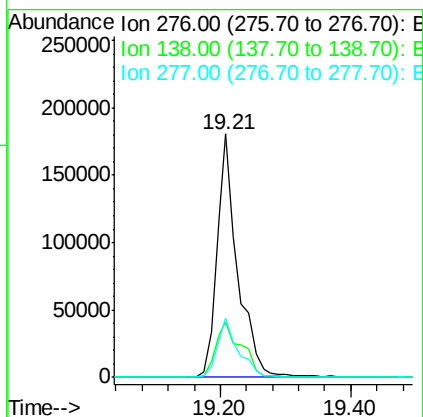
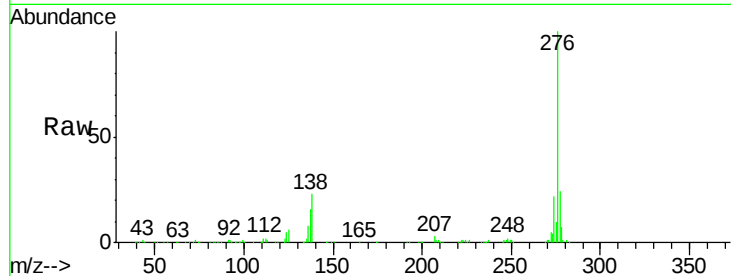




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.33 ng
 RT: 19.21 min Scan# 1603
 Delta R.T. 0.09 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

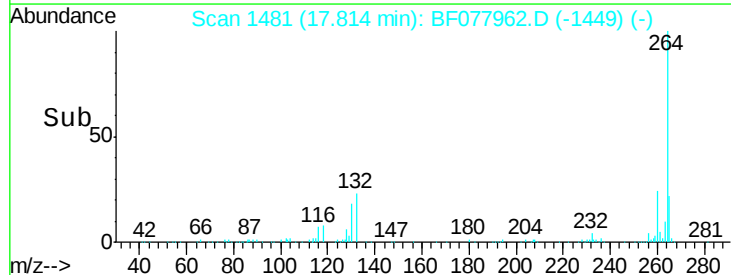
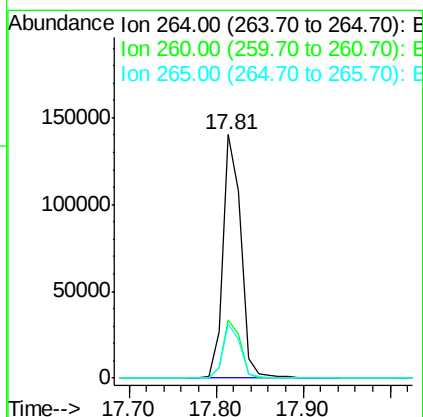
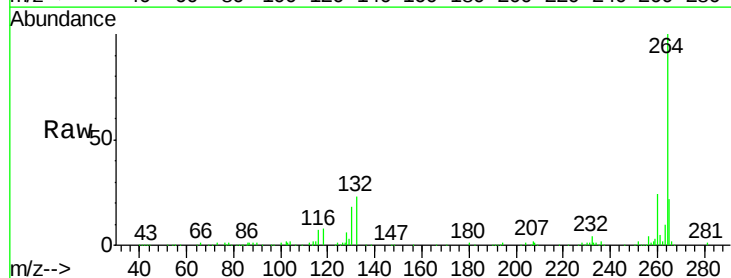
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

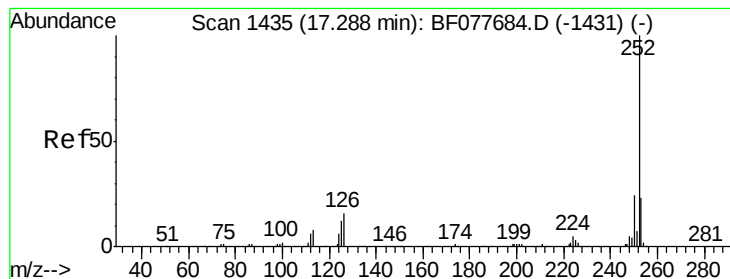
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	0.0	0.0#
277	25.0	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1481
 Delta R.T. 0.07 min
 Lab File: BF077962.D
 Acq: 25 Mar 2015 20:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 27.03 ng

RT: 17.35 min Scan# 1440

Delta R.T. 0.06 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB82321BS

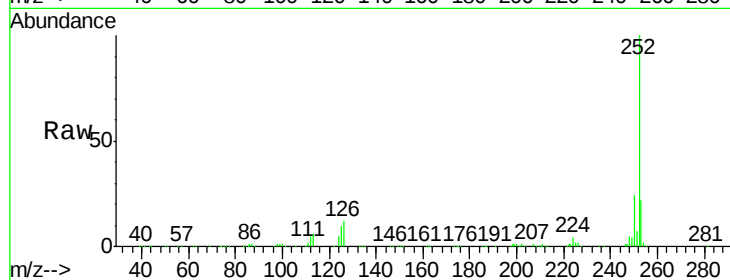
Tot Ion:252 Resp: 355257

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

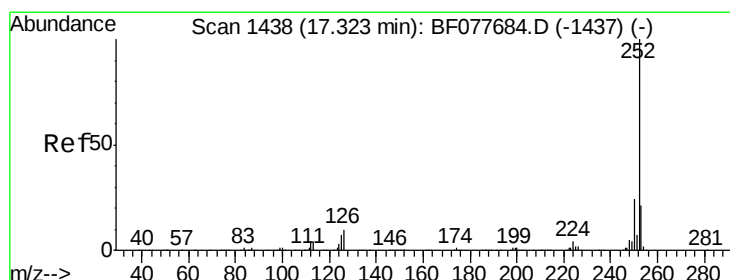
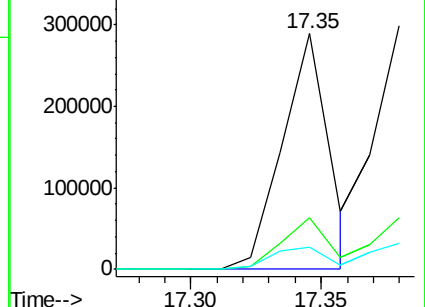
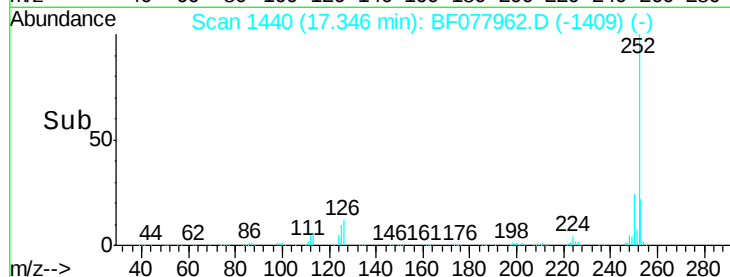
125 9.5 9.9 14.9#



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: 35.24 ng m

RT: 17.38 min Scan# 1443

Delta R.T. 0.06 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

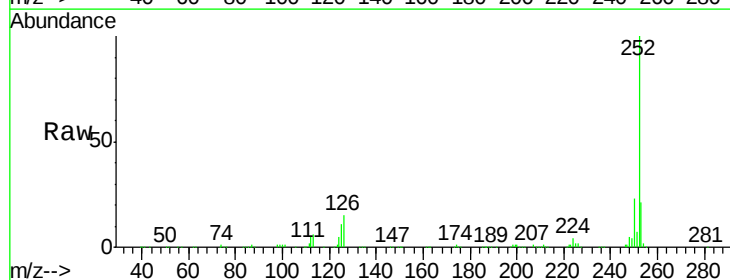
Tgt Ion:252 Resp: 361827

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

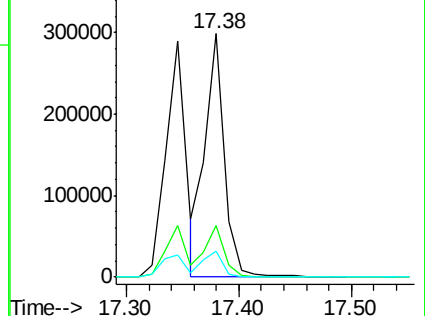
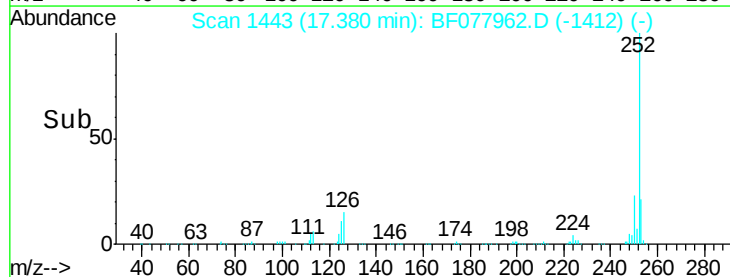
125 10.6 8.1 12.1

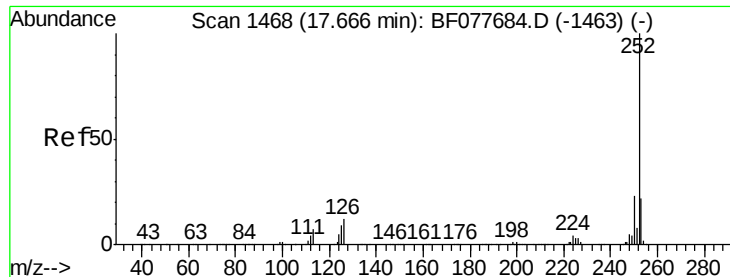


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

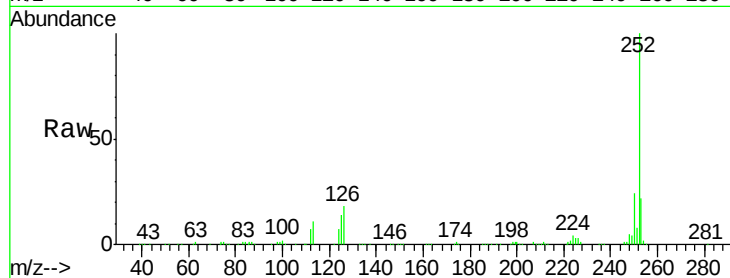




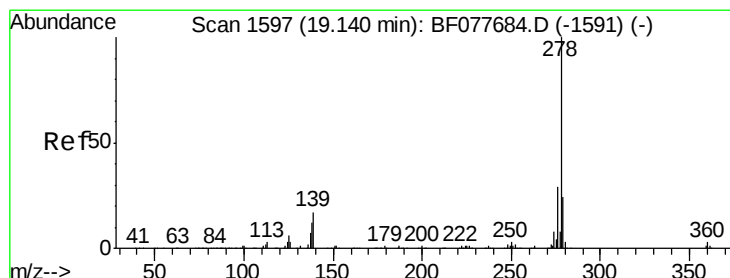
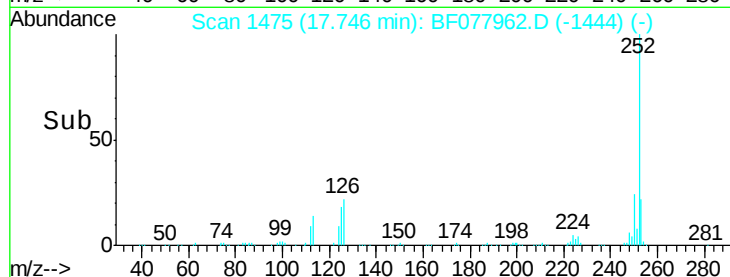
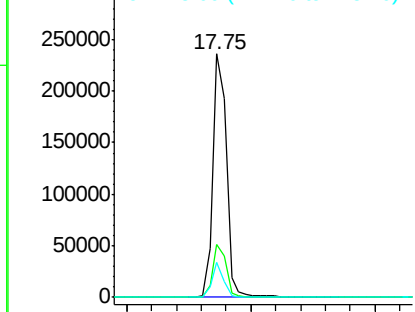
#89
Benzo(a)pyrene
Concen: 32.35 ng
RT: 17.75 min Scan# 1475
Delta R.T. 0.06 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tot Ion:252 Resp: 354759
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 14.2 7.4 11.2#

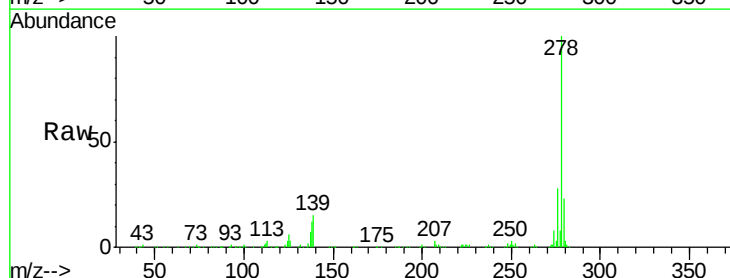


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

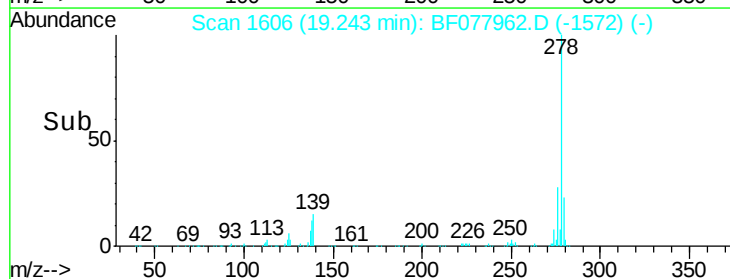
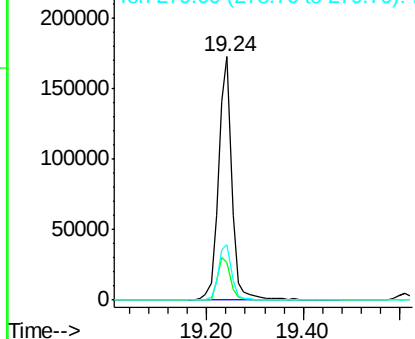


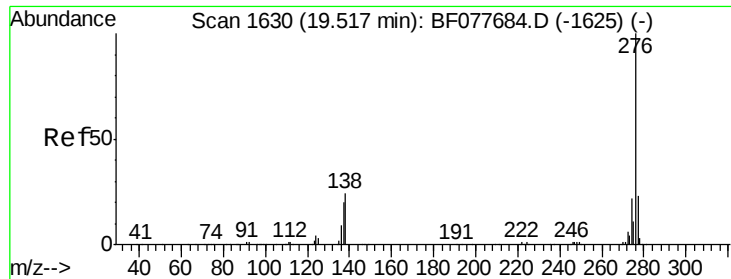
#90
Dibenzo(a,h)anthracene
Concen: 30.70 ng
RT: 19.24 min Scan# 1606
Delta R.T. 0.09 min
Lab File: BF077962.D
Acq: 25 Mar 2015 20:22

Tgt Ion:278 Resp: 333891
Ion Ratio Lower Upper
278 100
139 15.3 13.4 20.0
279 22.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 30.35 ng

RT: 19.61 min Scan# 1638

Delta R.T. 0.09 min

Lab File: BF077962.D

Acq: 25 Mar 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB82321BS

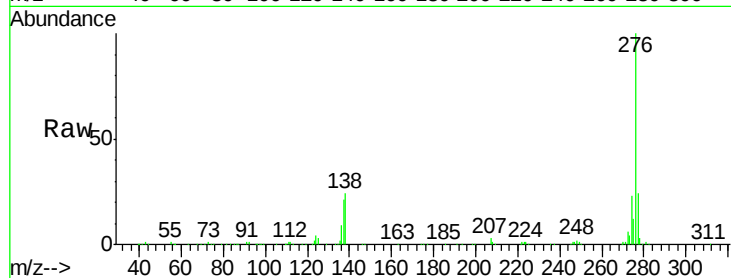
Tot Ion:276 Resp: 336137

Ion Ratio Lower Upper

276 100

277 24.5 18.5 27.7

138 23.5 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

