

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077775.D
 Acq On : 17 Mar 2015 16:39
 Operator : TP/IZ
 Sample : PB82134BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

Quant Time: Mar 18 00:05:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	66151	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	273823	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	145535	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	284574	20.00	ng	0.00
75) Chrysene-d12	16.03	240	312449	20.00	ng	0.00
86) Perylene-d12	17.72	264	302689	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	306146	80.78	ng	0.00
7) Phenol-d6	6.73	99	372296	79.51	ng	0.00
23) Nitrobenzene-d5	7.86	82	216984	51.94	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	98714	70.89	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	491617	49.64	ng	0.00
78) Terphenyl-d14	14.74	244	573860	44.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	34678	20.15	ng	# 100
3) Pyridine	2.76	79	100074	21.65	ng	98
4) n-Nitrosodimethylamine	2.68	42	40851	20.29	ng	# 99
6) Aniline	6.75	93	89214	13.32	ng	# 34
8) 2-Chlorophenol	6.89	128	118137	26.19	ng	96
9) Benzaldehyde	6.60	77	8002	4.17	ng	97
10) Phenol	6.75	94	140299	25.35	ng	90
11) bis(2-Chloroethyl)ether	6.85	93	109432	26.40	ng	96
12) 1,3-Dichlorobenzene	7.08	146	125554	25.02	ng	98
13) 1,4-Dichlorobenzene	7.18	146	125505	24.07	ng	99
14) 1,2-Dichlorobenzene	7.37	146	118430	24.78	ng	99
15) Benzyl Alcohol	7.34	79	93293	25.53	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	143473	25.68	ng	98
17) 2-Methylphenol	7.49	107	93916	25.57	ng	97
18) Hexachloroethane	7.78	117	40937	23.94	ng	96
19) n-Nitroso-di-n-propylamine	7.68	70	75505	23.31	ng	96
20) 3+4-Methylphenols	7.69	107	122711	25.46	ng	95
22) Acetophenone	7.68	105	157567	25.99	ng	# 92
24) Nitrobenzene	7.88	77	109414	24.31	ng	# 77
25) Isophorone	8.18	82	213593	25.32	ng	97
26) 2-Nitrophenol	8.27	139	56720	25.74	ng	93
27) 2,4-Dimethylphenol	8.34	122	105971	26.40	ng	96
28) bis(2-Chloroethoxy)methane	8.46	93	134733	26.31	ng	97
29) 2,4-Dichlorophenol	8.57	162	100322	26.22	ng	97
30) 1,2,4-Trichlorobenzene	8.67	180	102343	23.91	ng	99
31) Naphthalene	8.76	128	342592	24.36	ng	100
32) Benzoic acid	8.45	122	51735	24.71	ng	96
33) 4-Chloroaniline	8.84	127	85244	14.94	ng	97
34) Hexachlorobutadiene	8.92	225	57238	23.59	ng	97
35) Caprolactam	9.26	113	30560	27.33	ng	97
36) 4-Chloro-3-methylphenol	9.45	107	101418	26.35	ng	# 83
37) 2-Methylnaphthalene	9.62	142	236036	24.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	100973	23.26	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	99991	47.36	ng	99

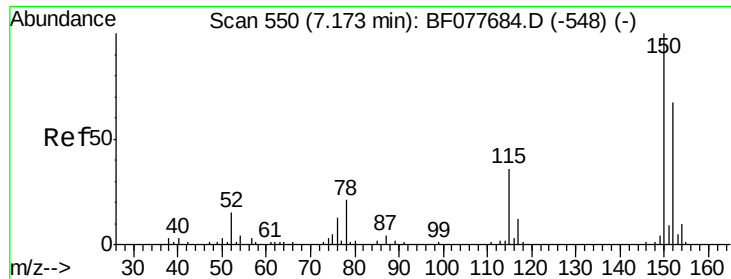
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	70908	23.58	ng	99
43) 2,4,5-Trichlorophenol	10.02	196	77538	23.87	ng	# 87
45) 1,1'-Biphenyl	10.20	154	279542	24.03	ng	98
46) 2-Chloronaphthalene	10.22	162	230416	24.37	ng	97
47) 2-Nitroaniline	10.35	65	58707	25.00	ng	# 76
48) Acenaphthylene	10.73	152	360003	22.90	ng	100
49) Dimethylphthalate	10.59	163	259303	24.02	ng	99
50) 2,6-Dinitrotoluene	10.67	165	58108	25.97	ng	# 72
51) Acenaphthene	10.95	154	206874	22.95	ng	99
52) 3-Nitroaniline	10.86	138	46781	18.00	ng	83
53) 2,4-Dinitrophenol	11.00	184	43136	55.25	ng	# 80
54) Dibenzofuran	11.16	168	319037	23.86	ng	95
55) 4-Nitrophenol	11.09	139	103769	53.91	ng	95
56) 2,4-Dinitrotoluene	11.16	165	80222	27.50	ng	# 81
57) Fluorene	11.59	166	257652	23.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	61154	24.45	ng	# 100
59) Diethylphthalate	11.47	149	257439	24.48	ng	97
60) 4-Chlorophenyl-phenylether	11.60	204	115217	22.74	ng	# 88
61) 4-Nitroaniline	11.62	138	61368	23.70	ng	83
62) Azobenzene	11.79	77	243377	24.21	ng	93
64) 4,6-Dinitro-2-methylphenol	11.67	198	30011	24.63	ng	# 69
65) n-Nitrosodiphenylamine	11.75	169	226214	23.87	ng	99
66) 4-Bromophenyl-phenylether	12.20	248	69923	23.02	ng	# 87
67) Hexachlorobenzene	12.26	284	77961	23.36	ng	# 91
68) Atrazine	12.42	200	66898	25.19	ng	93
69) Pentachlorophenol	12.51	266	83761	49.16	ng	98
70) Phenanthrene	12.77	178	392020	24.00	ng	99
71) Anthracene	12.84	178	397376	24.62	ng	99
72) Carbazole	13.05	167	384206	25.02	ng	99
73) Di-n-butylphthalate	13.51	149	409138	23.77	ng	99
74) Fluoranthene	14.25	202	424872	23.58	ng	96
76) Benzidine	14.43	184	183051	23.48	ng	99
77) Pyrene	14.53	202	452367	23.02	ng	99
79) Butylbenzylphthalate	15.37	149	174566	22.53	ng	96
80) Benzo(a)anthracene	16.02	228	425355	22.97	ng	99
81) 3,3'-Dichlorobenzidine	16.00	252	96660	15.82	ng	99
82) Chrysene	16.07	228	401072	24.08	ng	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	255932	21.81	ng	99
84) Di-n-octyl phthalate	16.87	149	438805	21.87	ng	100
85) Indeno(1,2,3-cd)pyrene	19.12	276	450770	21.69	ng	# 100
87) Benzo(b)fluoranthene	17.29	252	458572	23.21	ng	99
88) Benzo(k)fluoranthene	17.29	252	458572	29.71	ng	# 97
89) Benzo(a)pyrene	17.67	252	410829	24.92	ng	99
90) Dibenzo(a,h)anthracene	19.14	278	371906	22.74	ng	98
91) Benzo(g,h,i)perylene	19.52	276	378505	22.74	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

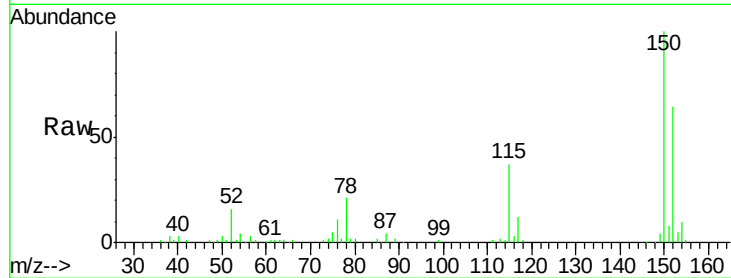
Tgt Ion:152 Resp: 66151

Ion Ratio Lower Upper

152 100

150 156.1 119.5 179.3

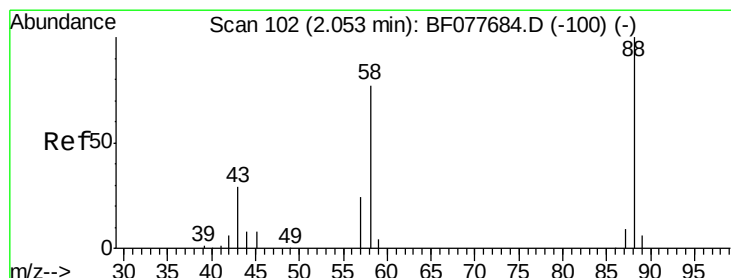
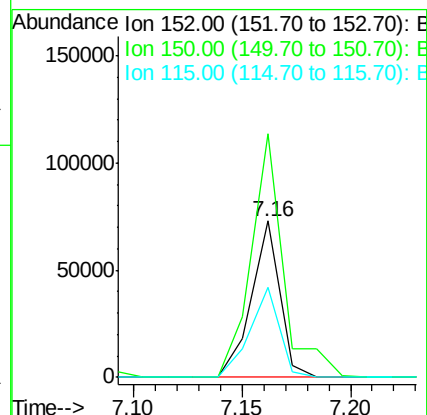
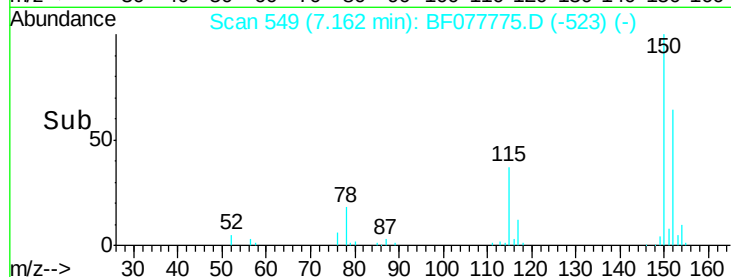
115 57.7 43.0 64.4



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



#2

1,4-Dioxane

Concen: 20.15 ng

RT: 2.06 min Scan# 103

Delta R.T. 0.02 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

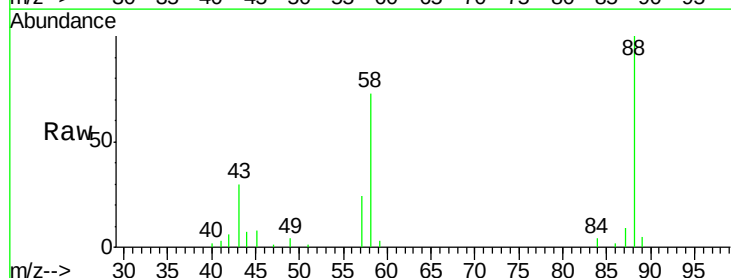
Tgt Ion: 88 Resp: 34678

Ion Ratio Lower Upper

88 100

58 77.4 0.0 0.0#

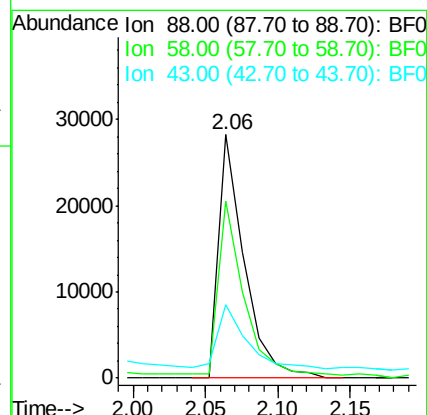
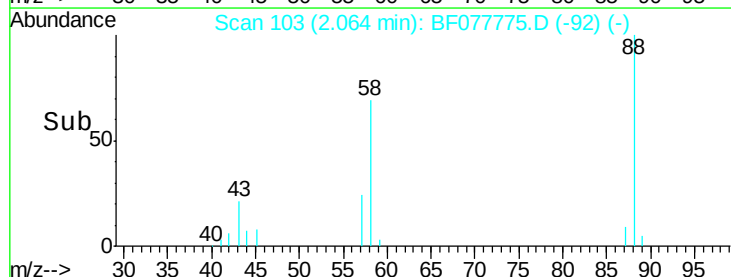
43 37.1 0.0 0.0#

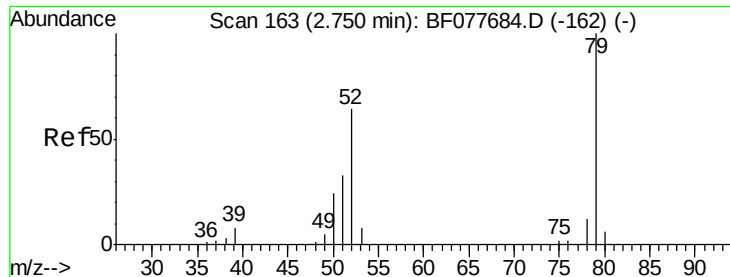


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.65 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

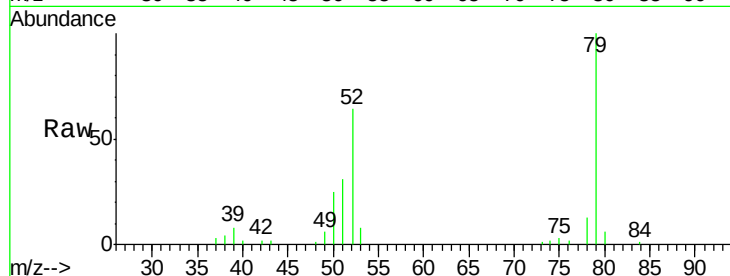
Tgt Ion: 79 Resp: 100074

Ion Ratio Lower Upper

79 100

52 64.3 51.1 76.7

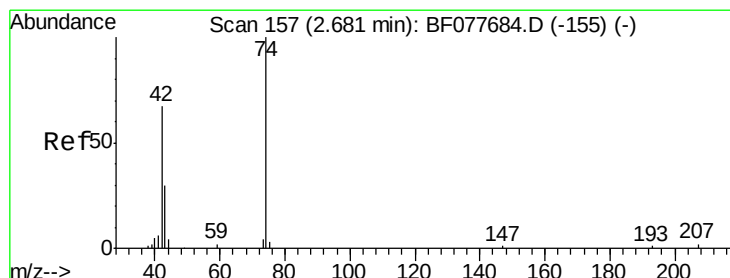
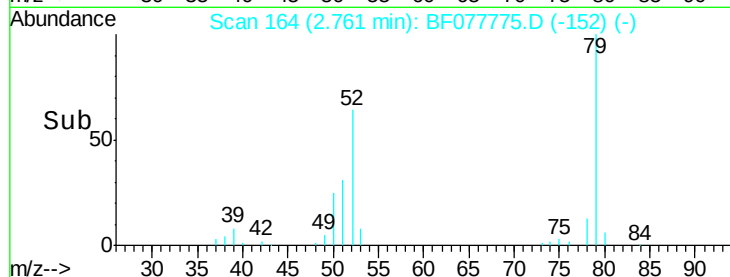
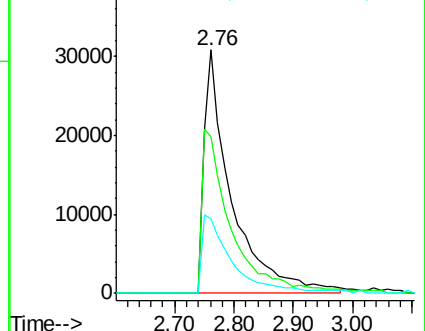
51 30.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 20.29 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

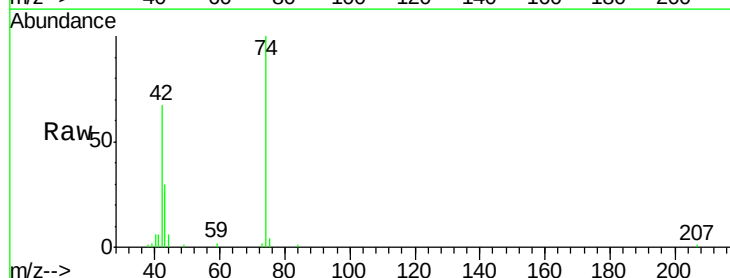
Tgt Ion: 42 Resp: 40851

Ion Ratio Lower Upper

42 100

74 150.0 119.3 178.9

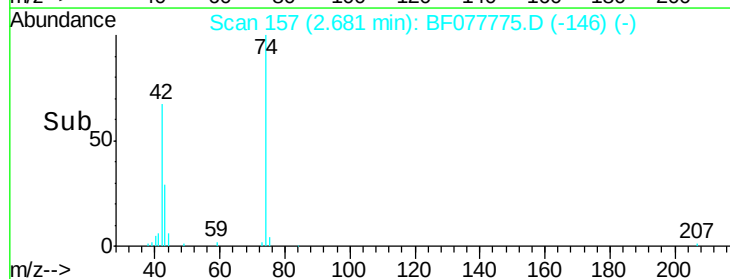
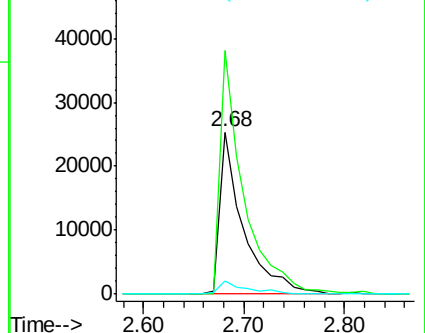
44 8.3 5.4 8.2#

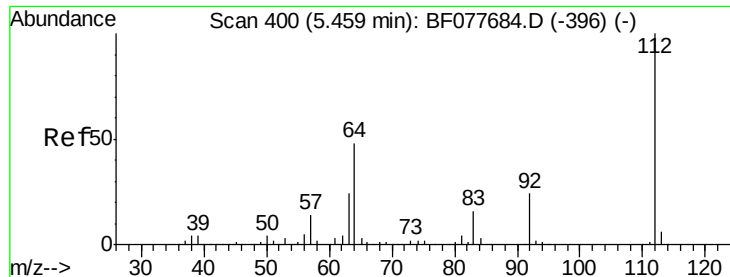


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.78 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

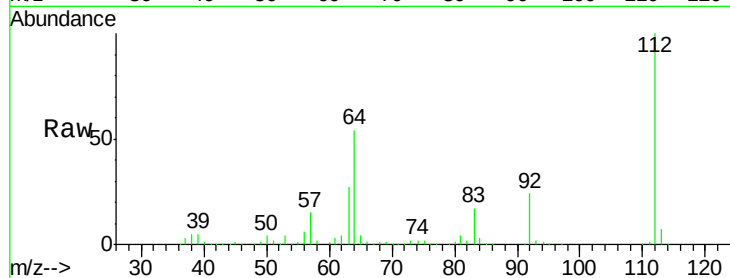
Instrument :

BNA_F

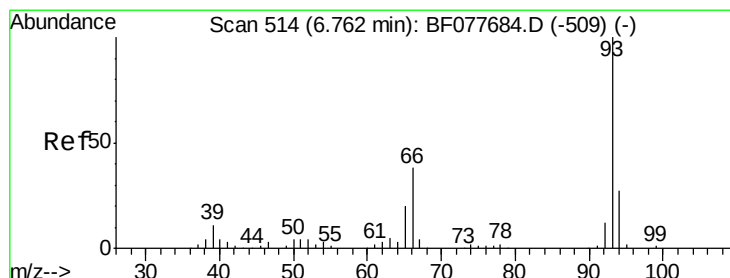
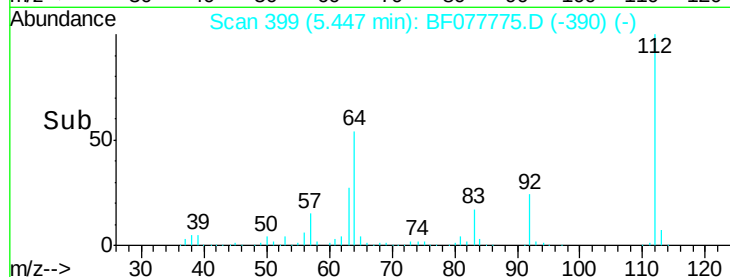
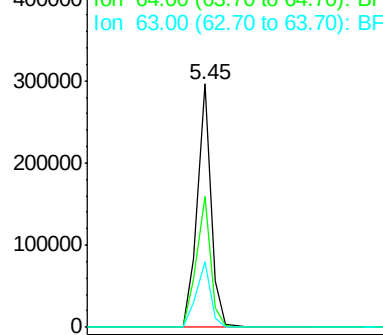
ClientSampled :

PB82134BS

Tgt Ion:	112	Resp:	306146
Ion	Ratio	Lower	Upper
112	100		
64	53.6	38.6	57.8
63	26.8	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): BF077684.D (-396) (-)



#6

Aniline

Concen: 13.32 ng

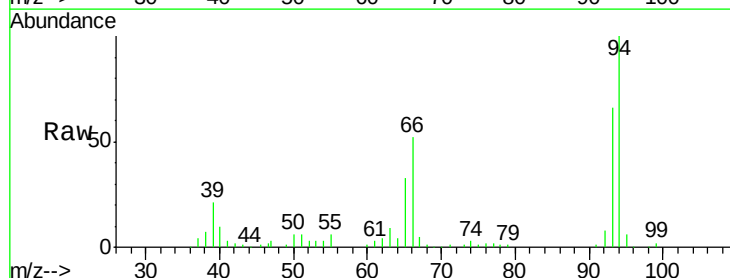
RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

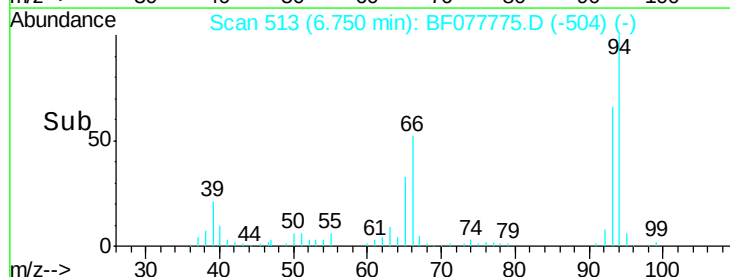
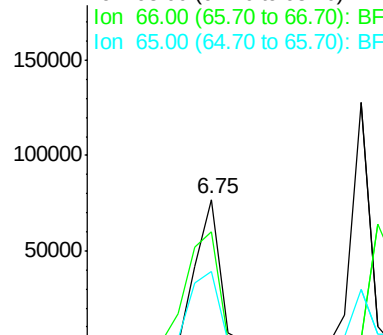
Lab File: BF077775.D

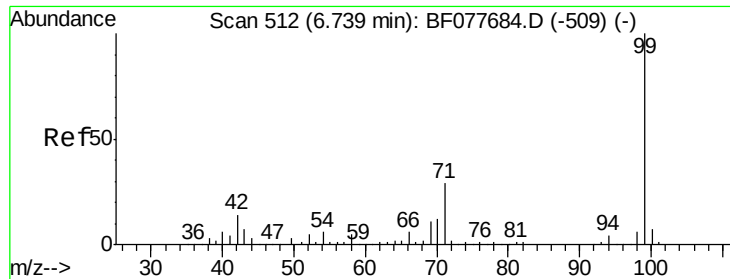
Acq: 17 Mar 2015 16:39

Tgt Ion:	93	Resp:	89214
Ion	Ratio	Lower	Upper
93	100		
66	78.1	30.8	46.2#
65	50.7	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF077684.D (-509) (-)





#7

Phenol-d6

Concen: 79.51 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

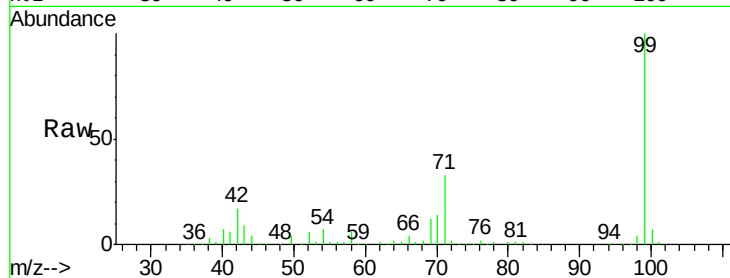
Tgt Ion: 99 Resp: 372296

Ion Ratio Lower Upper

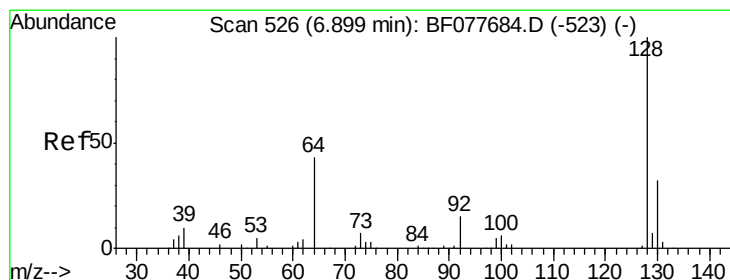
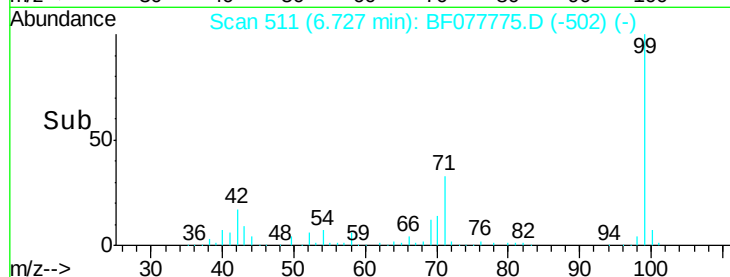
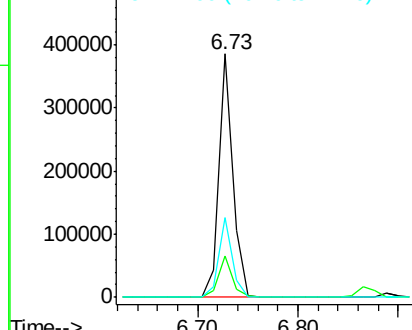
99 100

42 16.9 11.0 16.4#

71 32.8 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: 26.19 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

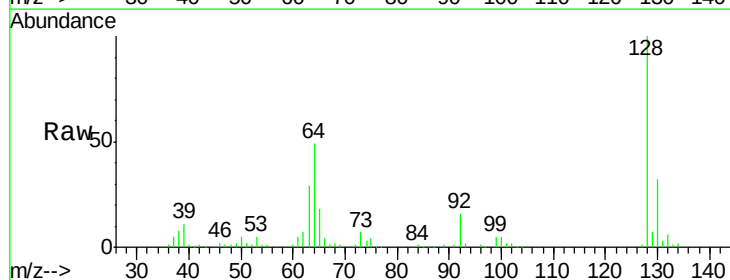
Tgt Ion: 128 Resp: 118137

Ion Ratio Lower Upper

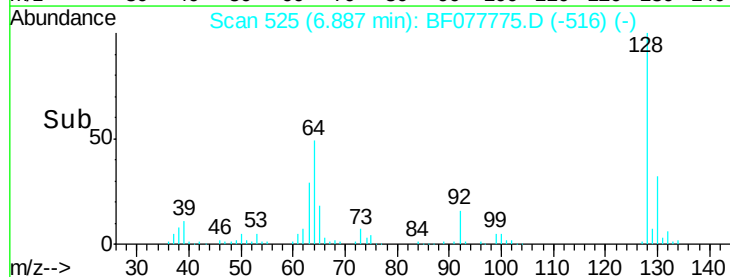
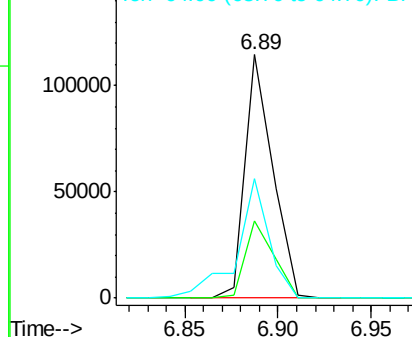
128 100

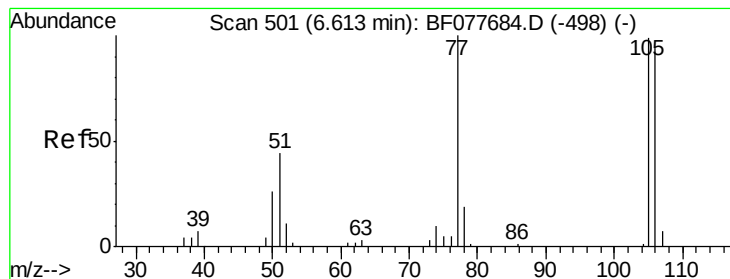
130 31.9 12.0 52.0

64 49.0 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: 4.17 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

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PB82134BS

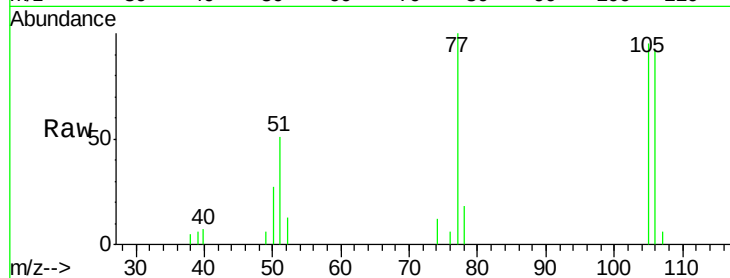
Tgt Ion: 77 Resp: 8002

Ion Ratio Lower Upper

77 100

105 94.9 78.8 118.8

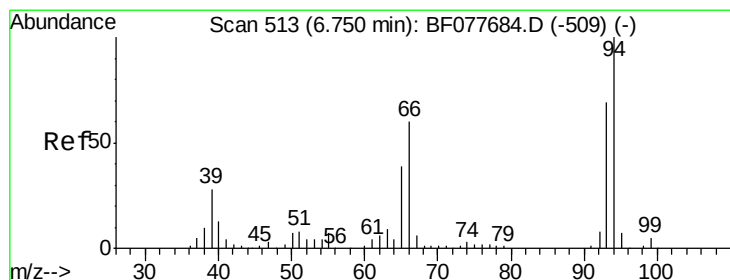
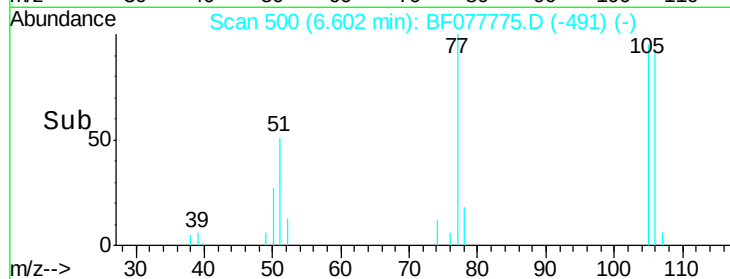
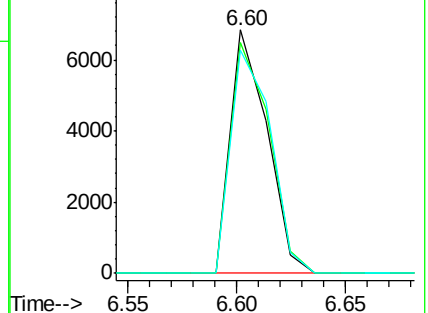
106 91.6 73.7 113.7



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: 25.35 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

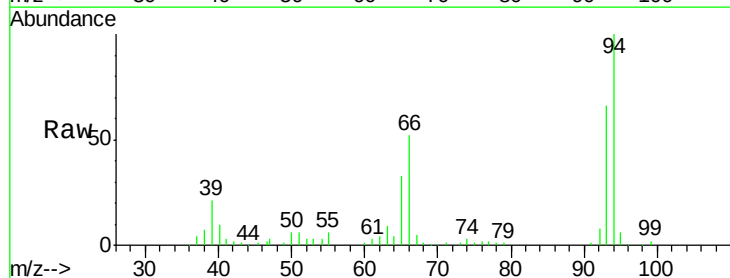
Tgt Ion: 94 Resp: 140299

Ion Ratio Lower Upper

94 100

65 33.4 18.8 58.8

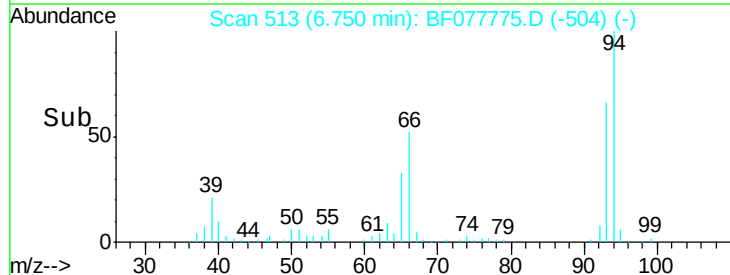
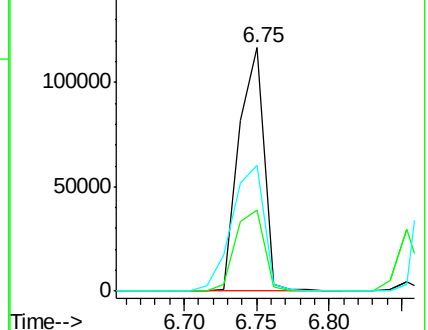
66 51.5 39.9 79.9

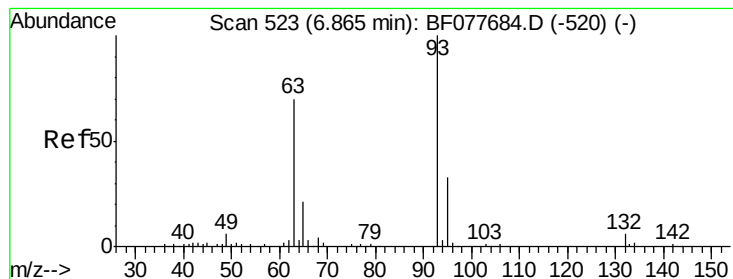


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 26.40 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

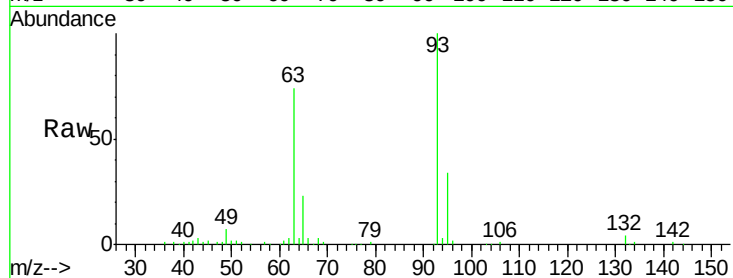
Tgt Ion: 93 Resp: 109432

Ion Ratio Lower Upper

93 100

63 74.4 49.5 89.5

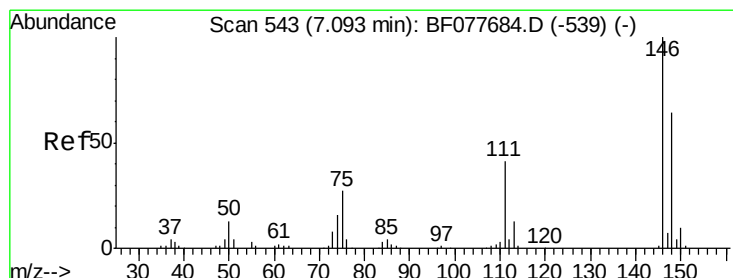
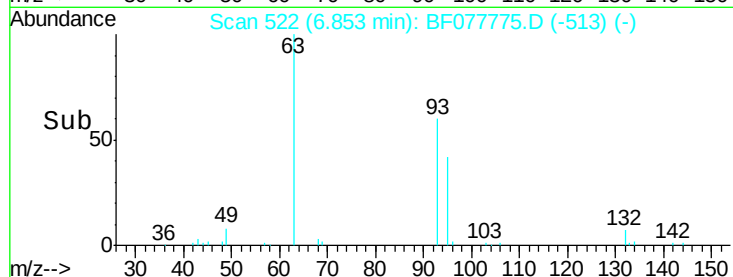
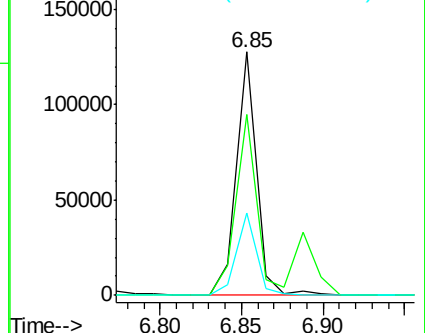
95 33.7 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 25.02 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

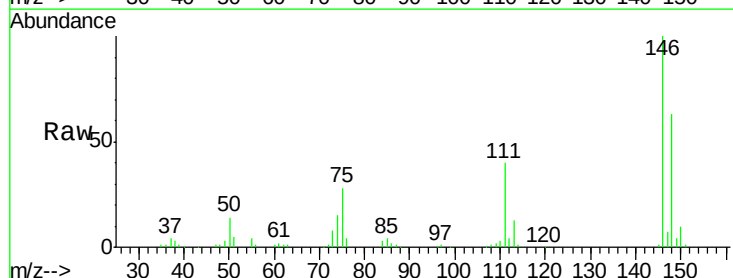
Tgt Ion: 146 Resp: 125554

Ion Ratio Lower Upper

146 100

148 62.7 50.9 76.3

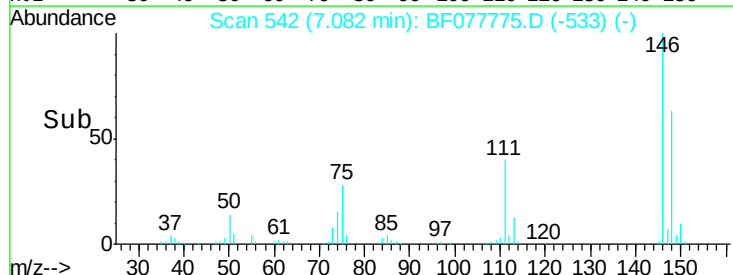
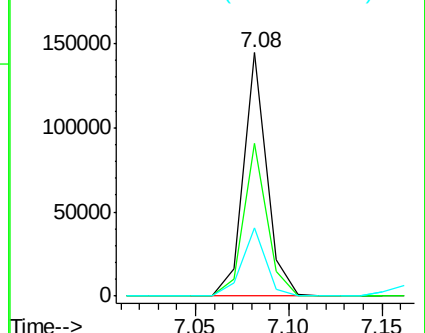
75 28.3 21.4 32.2

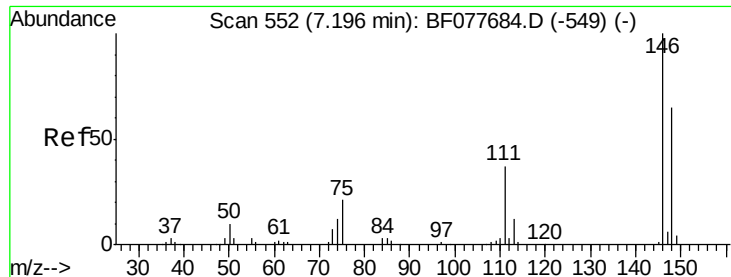


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

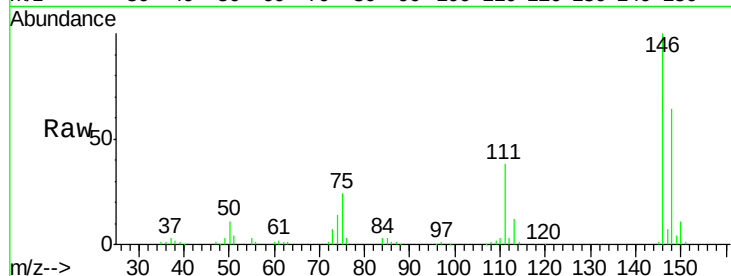




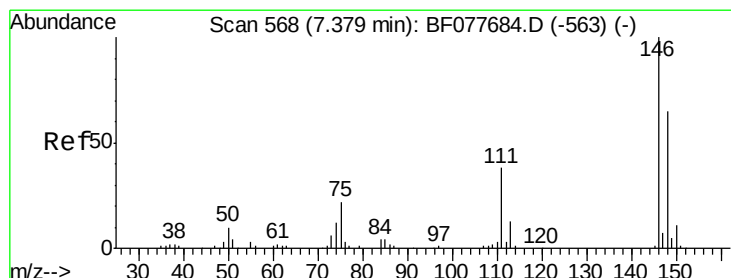
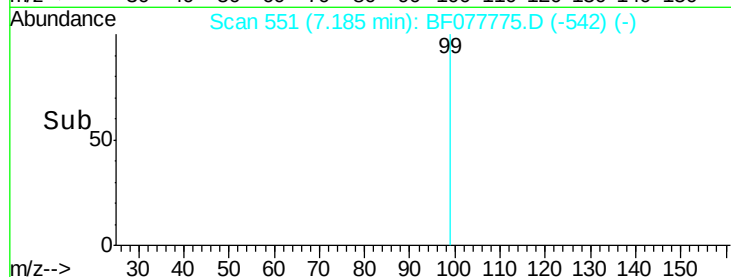
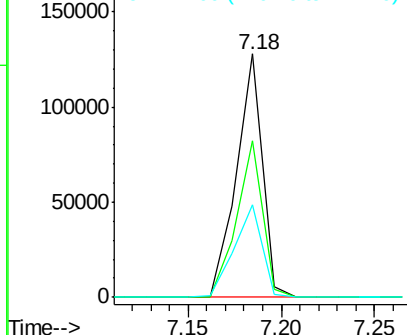
#13
 1,4-Dichlorobenzene
 Concen: 24.07 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

Tgt Ion:146 Resp: 125505
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 37.8 29.2 43.8

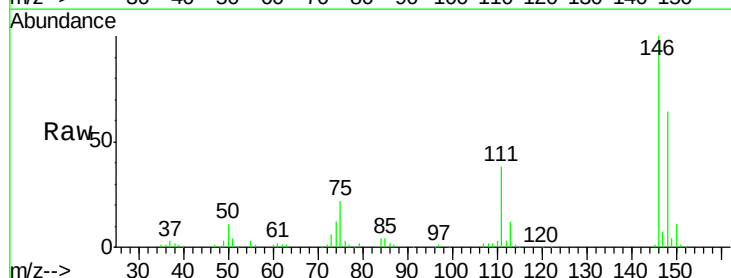


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

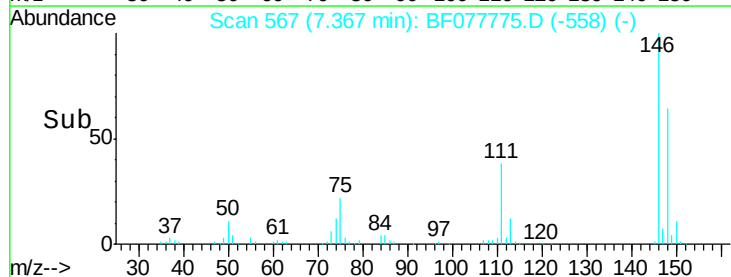
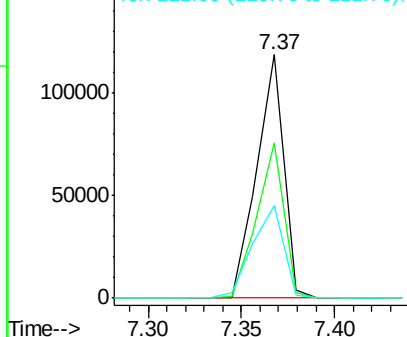


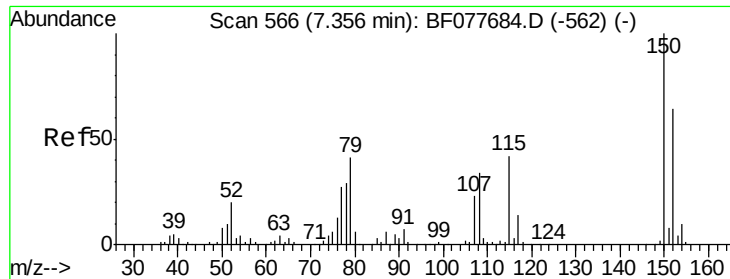
#14
 1,2-Dichlorobenzene
 Concen: 24.78 ng
 RT: 7.37 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Tgt Ion:146 Resp: 118430
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.3 78.5
 111 38.1 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: 25.53 ng

RT: 7.34 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

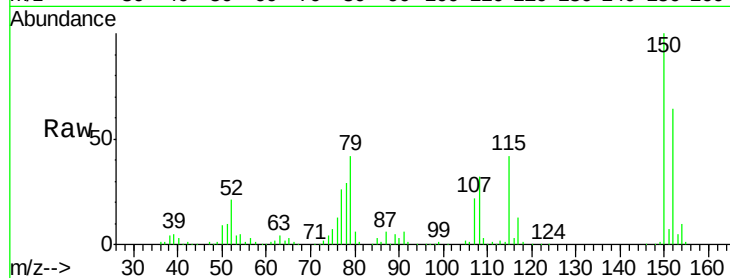
Tgt Ion: 79 Resp: 93293

Ion Ratio Lower Upper

79 100

108 78.0 65.0 97.4

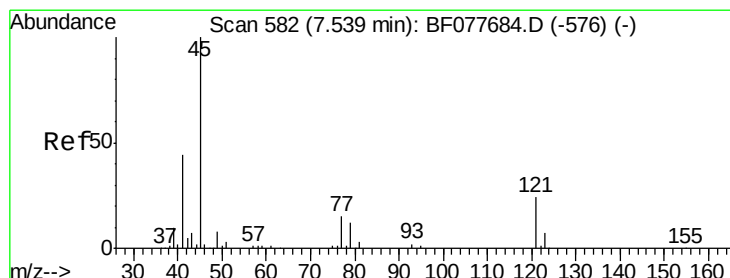
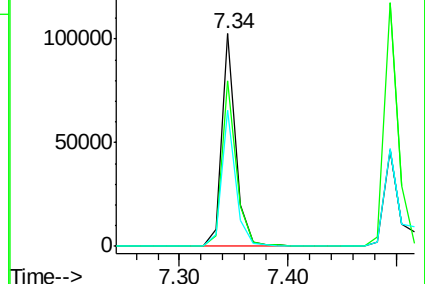
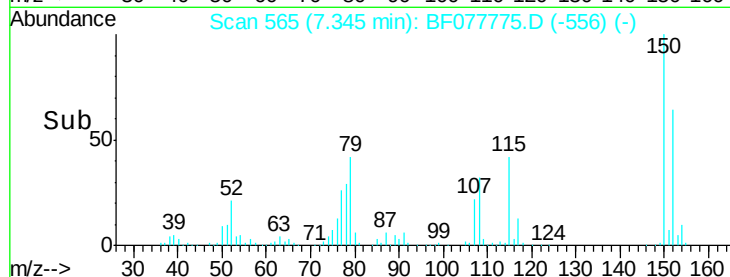
77 63.7 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.68 ng

RT: 7.53 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

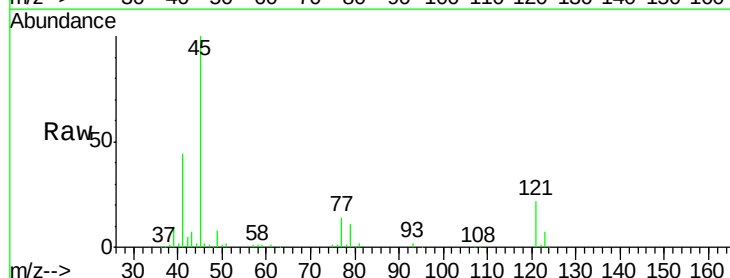
Tgt Ion: 45 Resp: 143473

Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.2

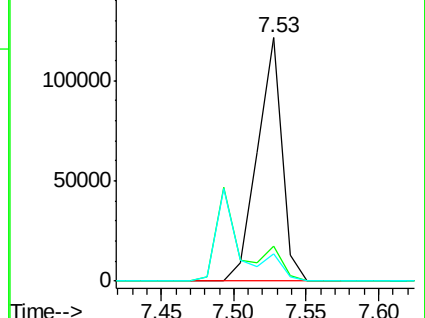
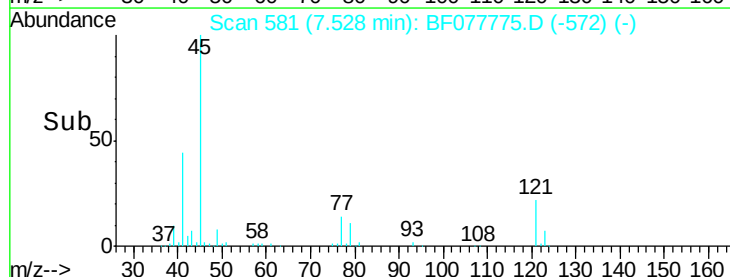
79 11.4 0.0 32.0

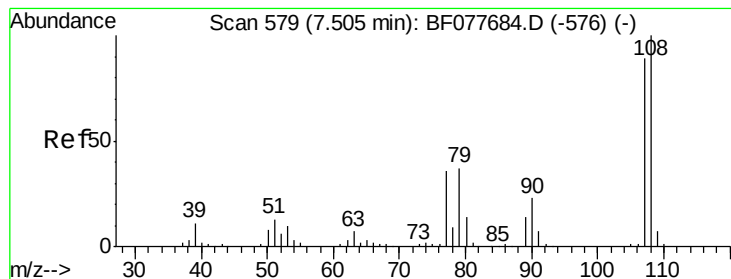


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 25.57 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

Tgt Ion:107 Resp: 93916

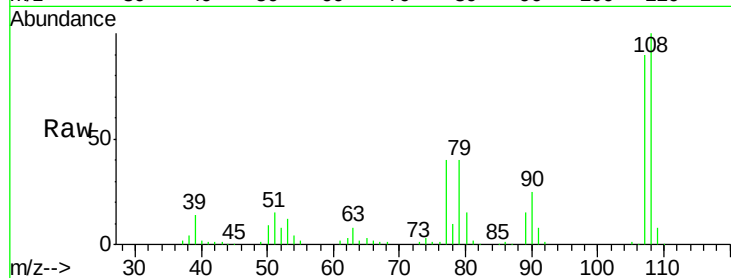
Ion Ratio Lower Upper

107 100

108 111.7 89.8 134.8

77 44.6 32.6 48.8

79 44.2 32.8 49.2

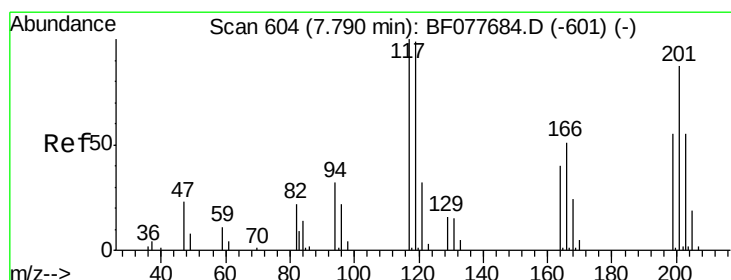
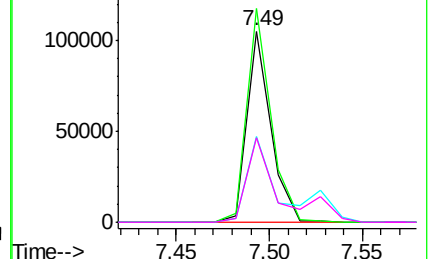
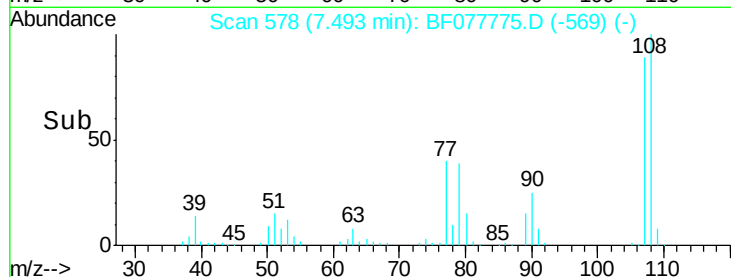


Abundance Ion 107.00 (106.70 to 107.70): E

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: 23.94 ng

RT: 7.78 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

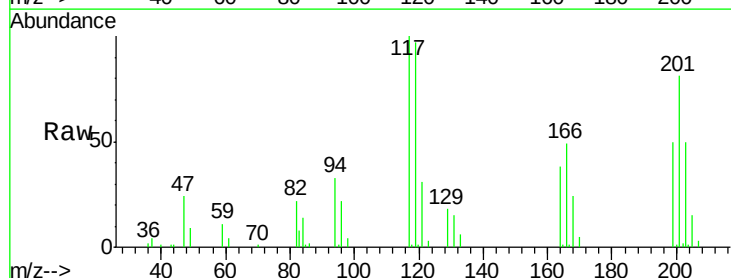
Tgt Ion:117 Resp: 40937

Ion Ratio Lower Upper

117 100

119 97.0 79.2 118.8

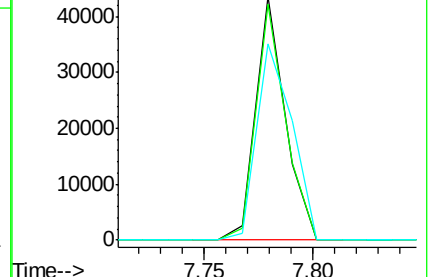
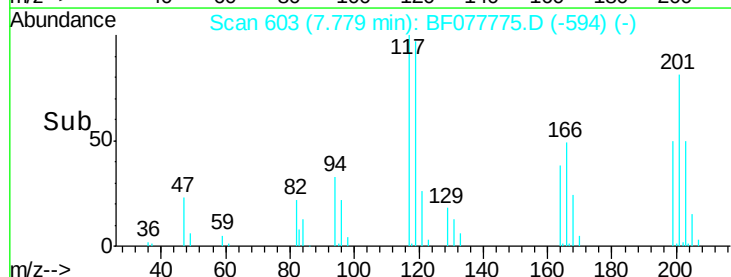
201 80.8 69.8 104.6

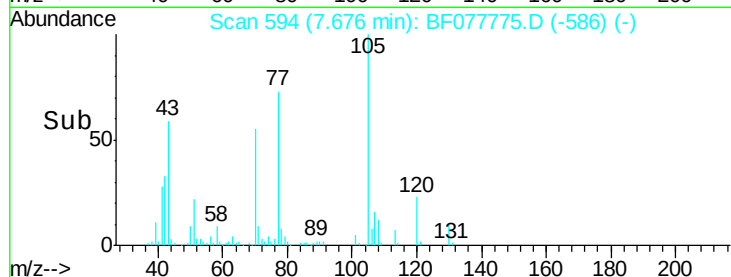
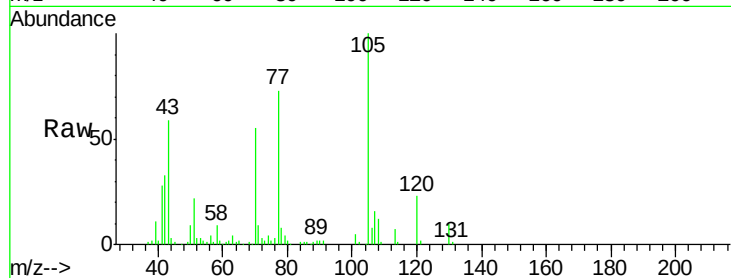
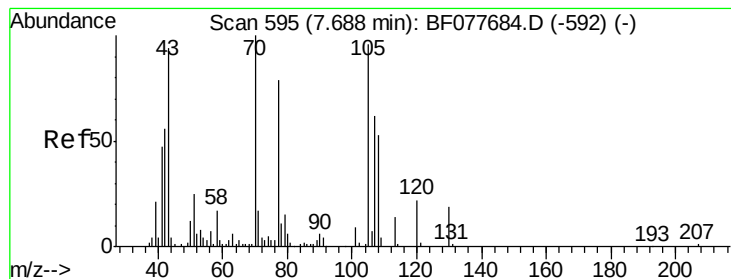


Abundance Ion 117.00 (116.70 to 117.70): E

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: 23.31 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

Tgt Ion: 70 Resp: 75505

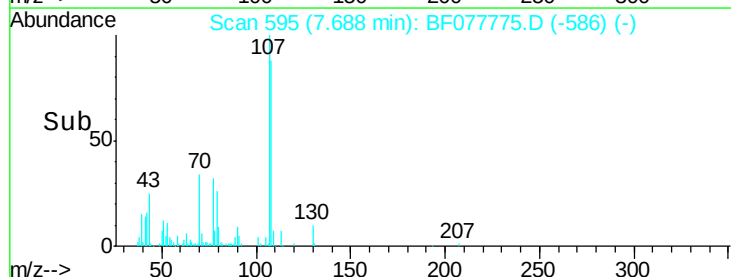
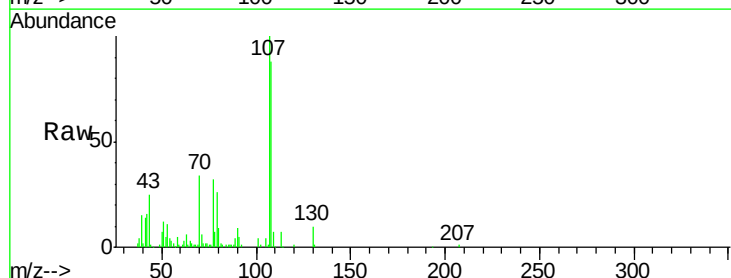
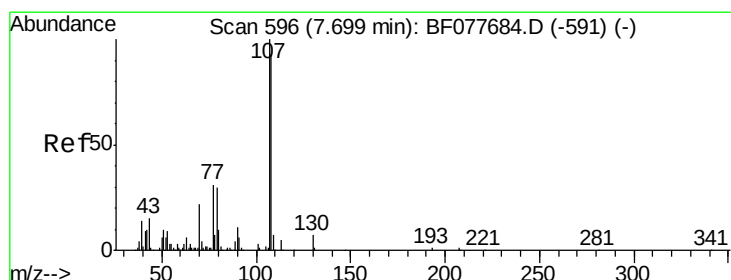
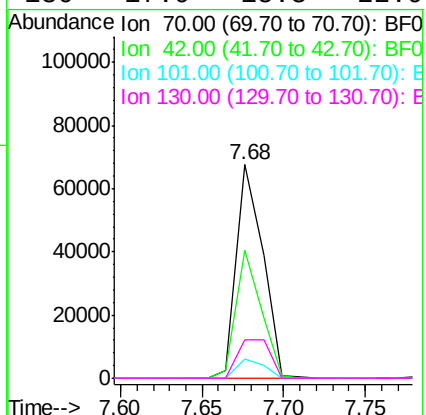
Ion Ratio Lower Upper

70 100

42 59.7 44.5 66.7

101 9.0 7.4 11.2

130 17.9 15.3 22.9



#20

3+4-Methylphenols

Concen: 25.46 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Tgt Ion:107 Resp: 122711

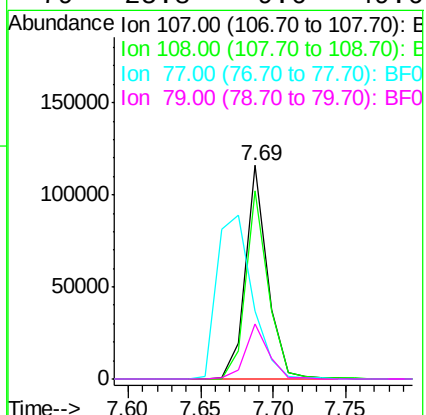
Ion Ratio Lower Upper

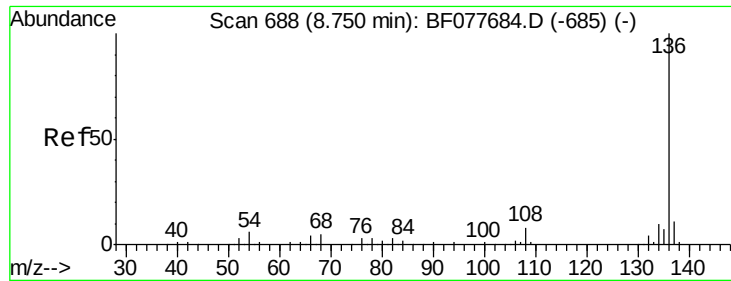
107 100

108 88.2 73.2 113.2

77 31.9 10.7 50.7

79 25.8 9.6 49.6

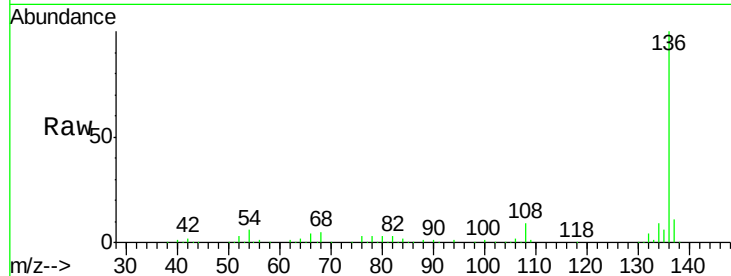




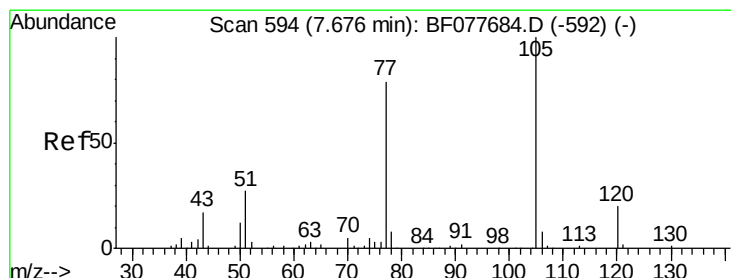
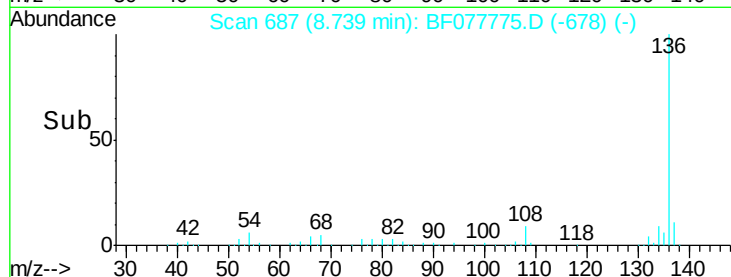
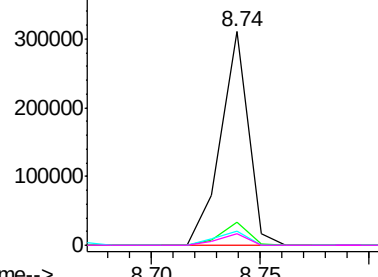
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB82134BS

Tgt Ion:	136	Resp:	273823
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.4	4.6	6.8
68	5.2	3.7	5.5

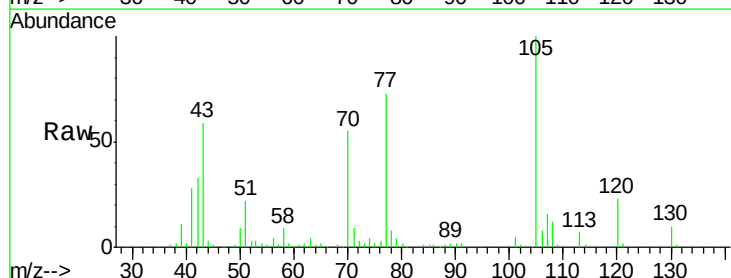


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

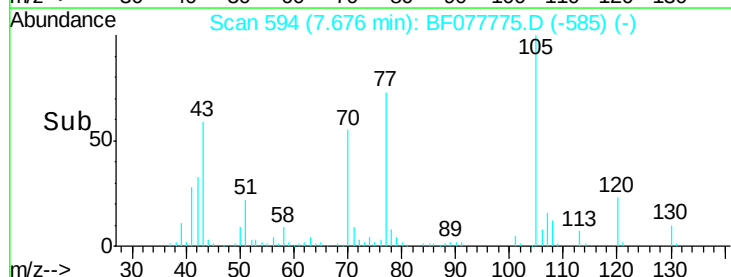
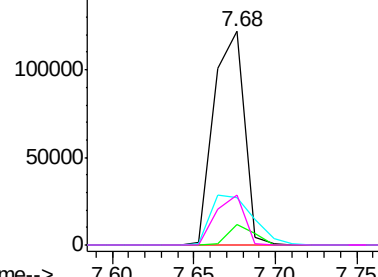


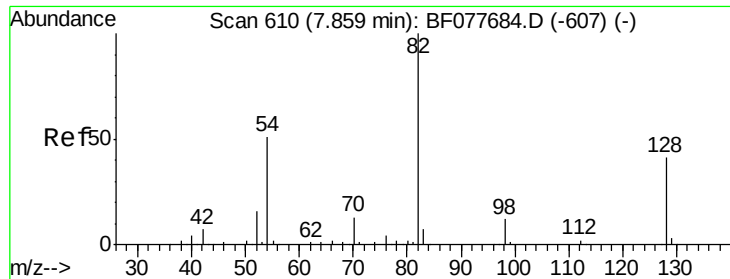
#22
Acetophenone
Concen: 25.99 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion:	105	Resp:	157567
Ion	Ratio	Lower	Upper
105	100		
71	9.3	0.6	1.0#
51	22.2	21.6	32.4
120	23.3	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

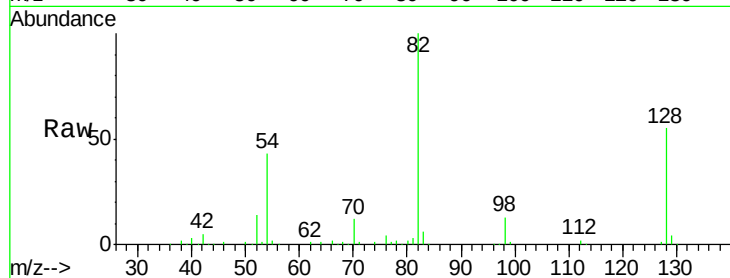




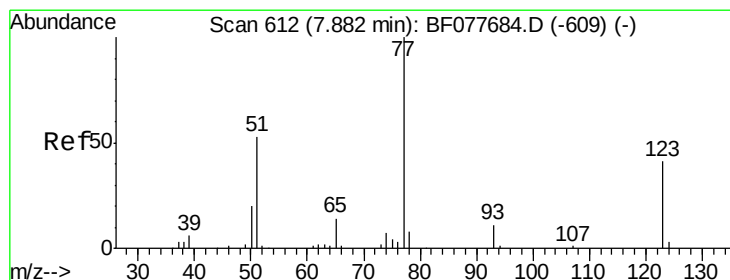
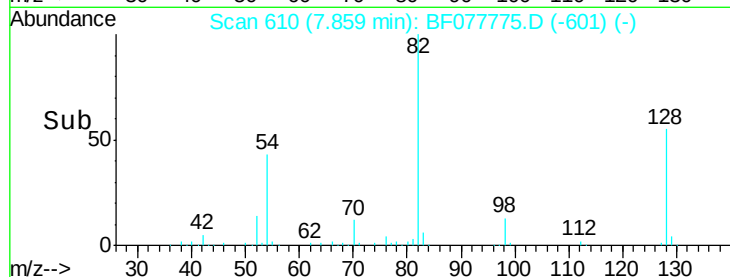
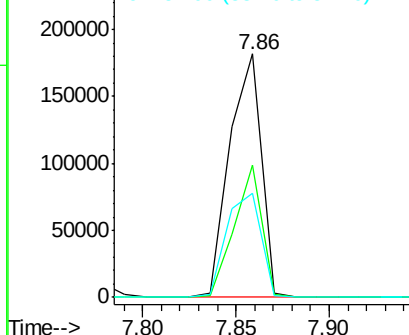
#23
 Nitrobenzene-d5
 Concen: 51.94 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

Tgt Ion: 82 Resp: 216984
 Ion Ratio Lower Upper
 82 100
 128 54.6 32.8 49.2#
 54 42.9 40.6 60.8

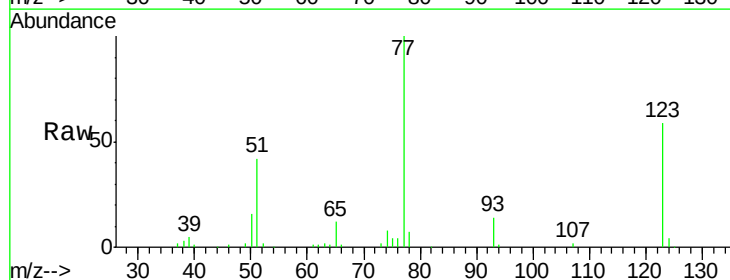


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

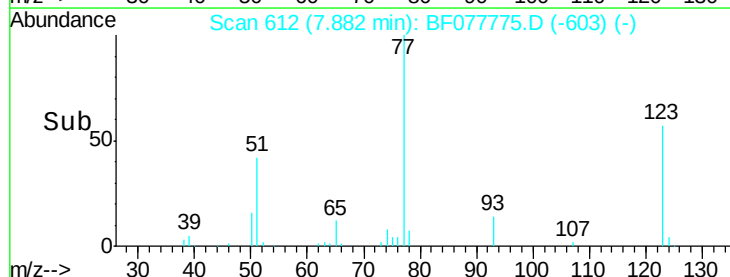
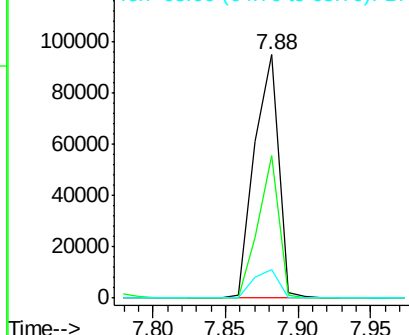


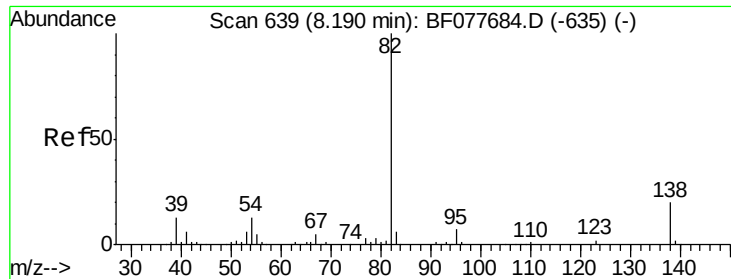
#24
 Nitrobenzene
 Concen: 24.31 ng
 RT: 7.88 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Tgt Ion: 77 Resp: 109414
 Ion Ratio Lower Upper
 77 100
 123 58.6 32.6 49.0#
 65 11.7 10.9 16.3



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





#25

Isophorone

Concen: 25.32 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

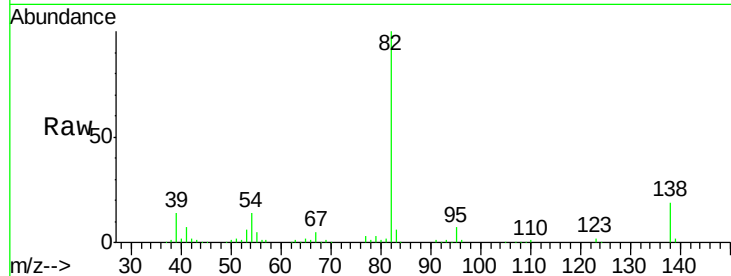
Tgt Ion: 82 Resp: 213593

Ion Ratio Lower Upper

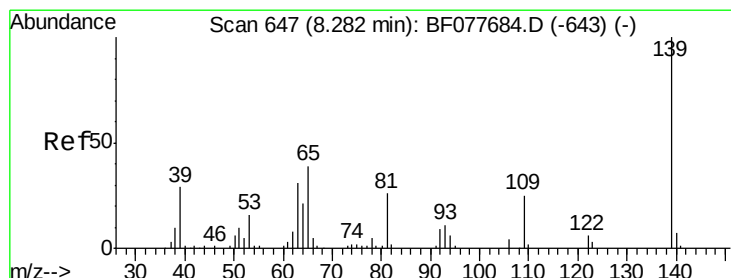
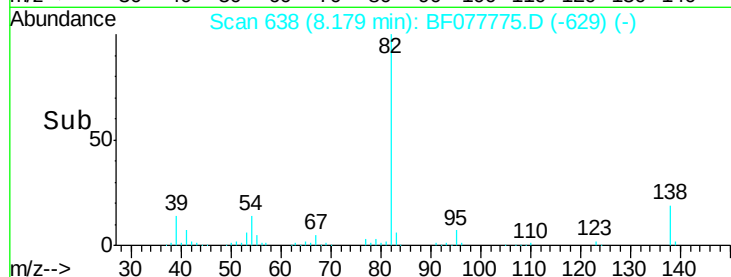
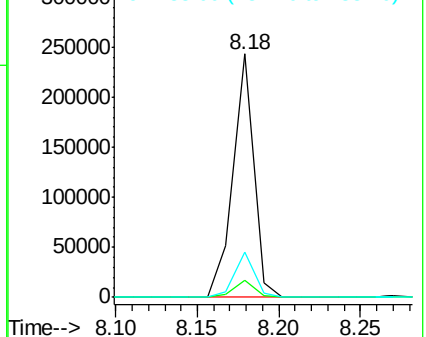
82 100

95 7.1 5.8 8.6

138 18.8 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 25.74 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

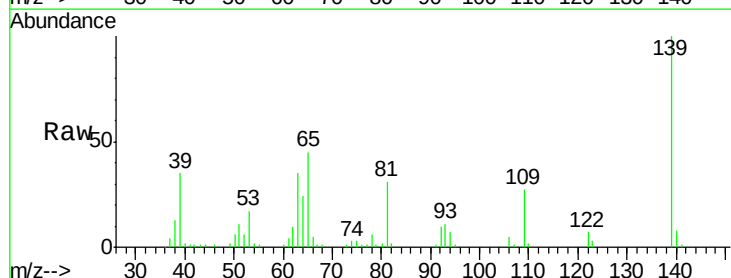
Tgt Ion: 139 Resp: 56720

Ion Ratio Lower Upper

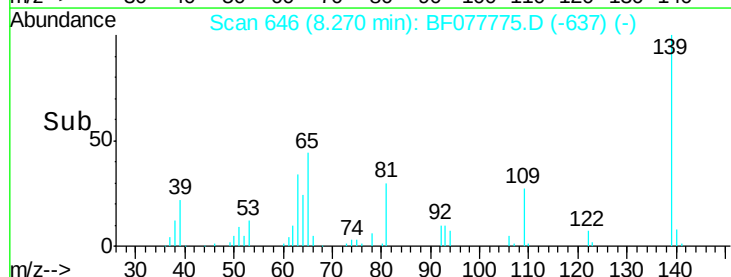
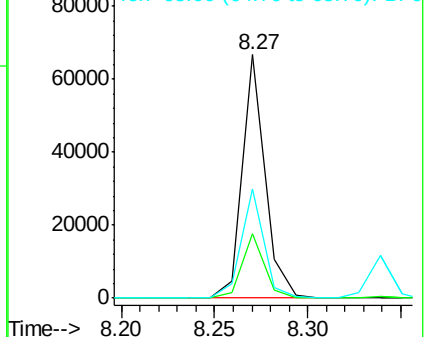
139 100

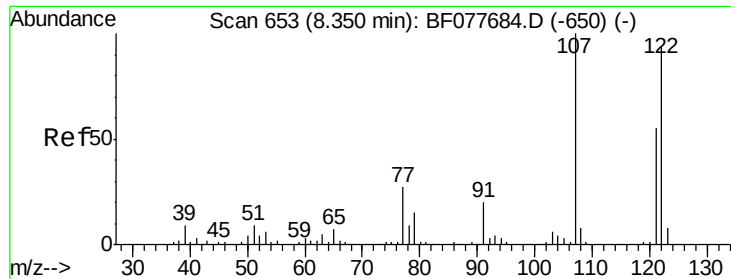
109 26.6 20.1 30.1

65 45.0 31.5 47.3



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

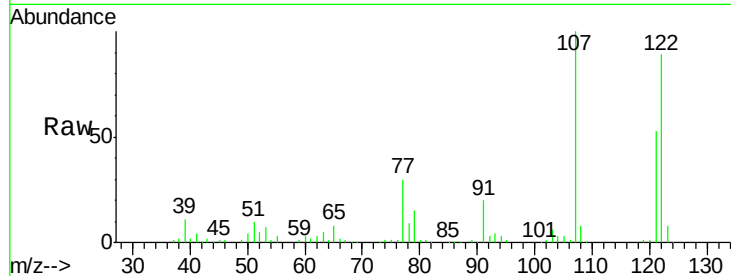




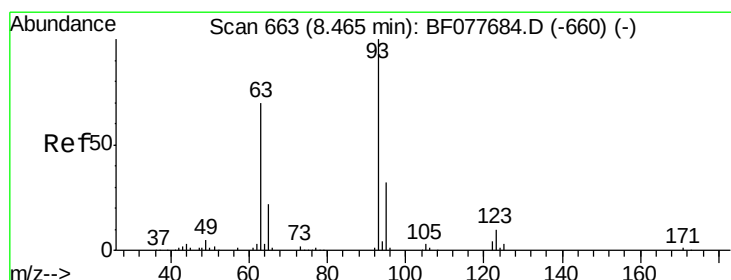
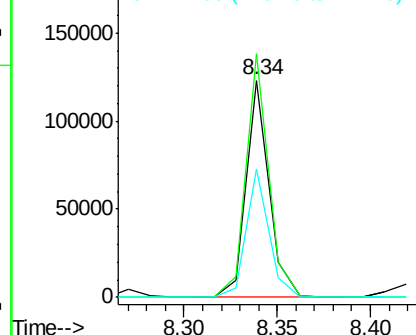
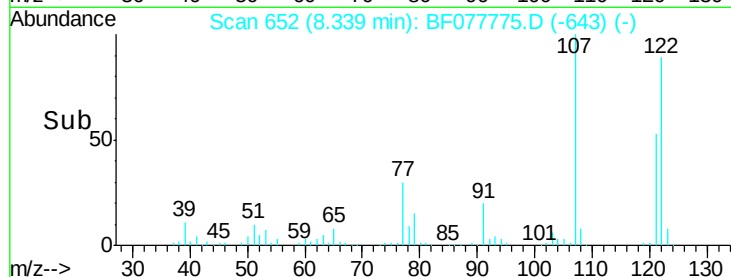
#27
2,4-Dimethylphenol
Concen: 26.40 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB82134BS

Tgt Ion:122 Resp: 105971
Ion Ratio Lower Upper
122 100
107 112.1 84.7 127.1
121 59.1 46.6 69.8

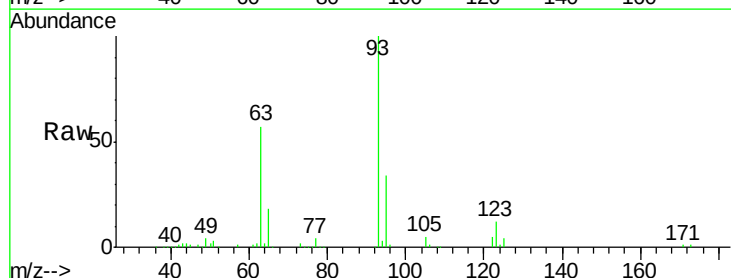


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

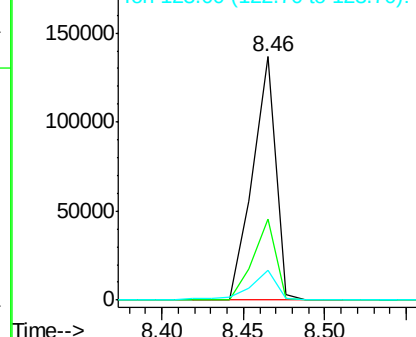
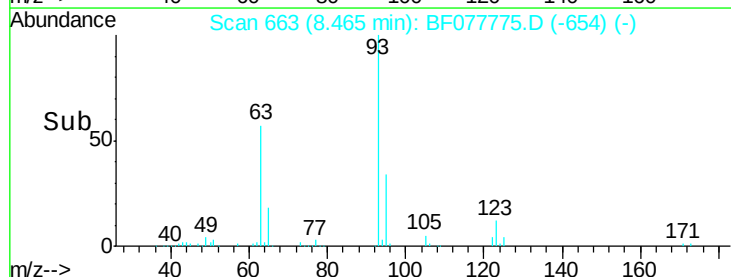


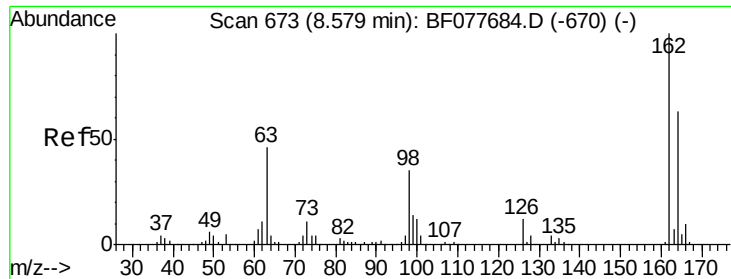
#28
bis(2-Chloroethoxy)methane
Concen: 26.31 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion: 93 Resp: 134733
Ion Ratio Lower Upper
93 100
95 33.5 25.5 38.3
123 12.1 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

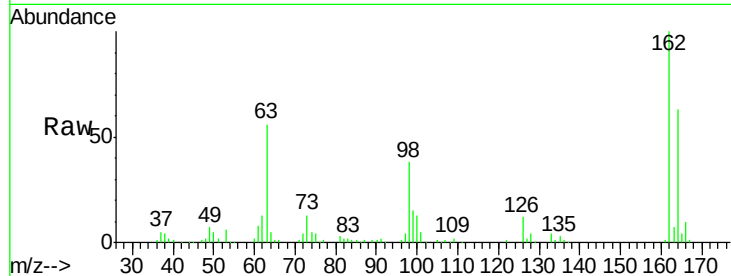




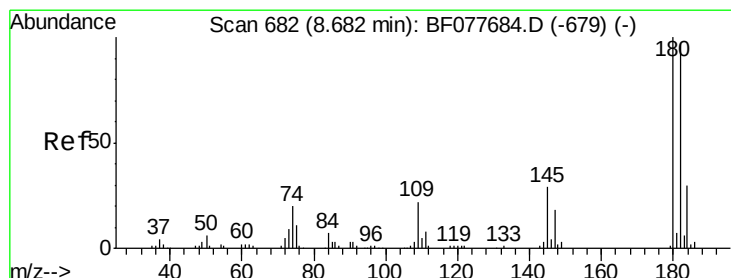
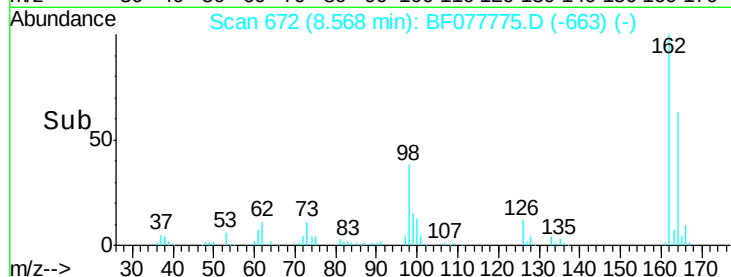
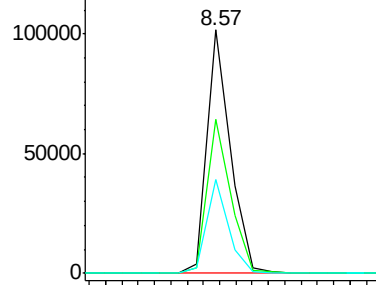
#29
2,4-Dichlorophenol
Concen: 26.22 ng
RT: 8.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB82134BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.8	82.8
98	38.3	14.5	54.5

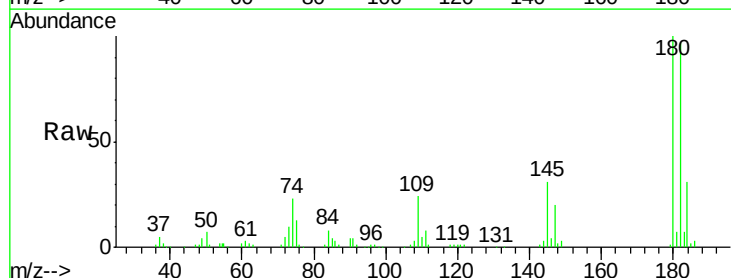


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

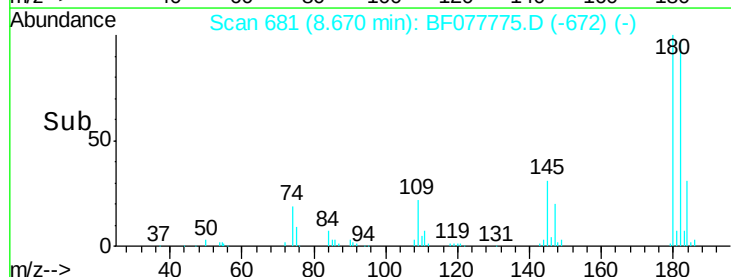
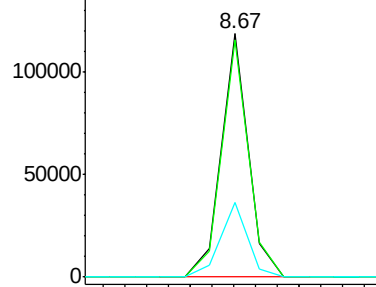


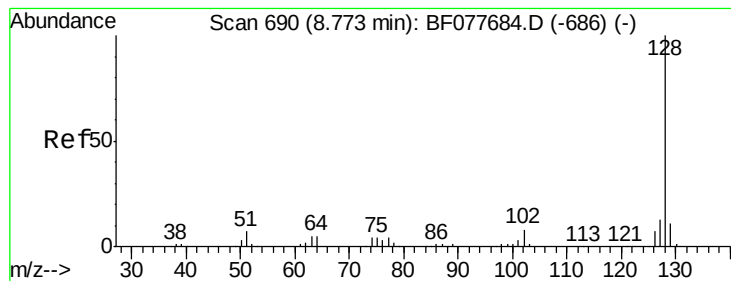
#30
1,2,4-Trichlorobenzene
Concen: 23.91 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.6	116.4
145	30.6	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

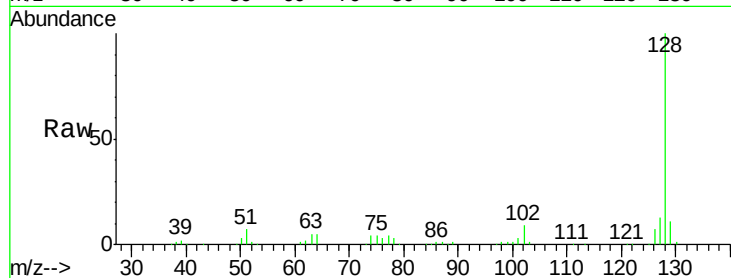




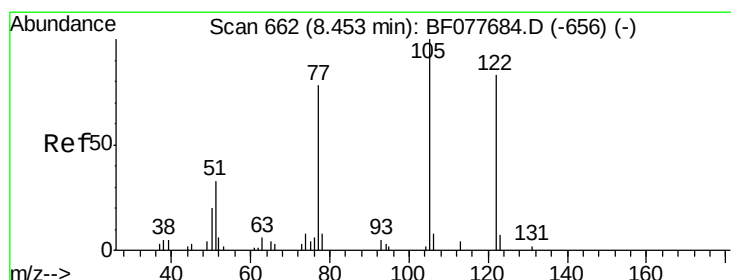
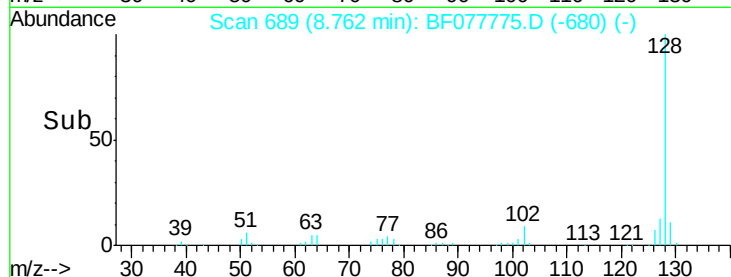
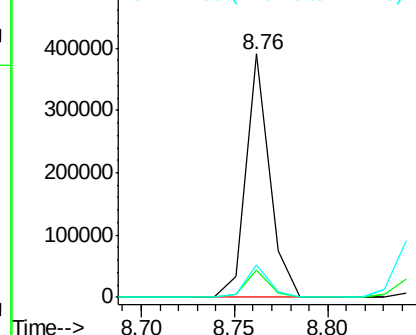
#31
Naphthalene
Concen: 24.36 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB82134BS

Tgt Ion:128 Resp: 342592
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.4 15.6

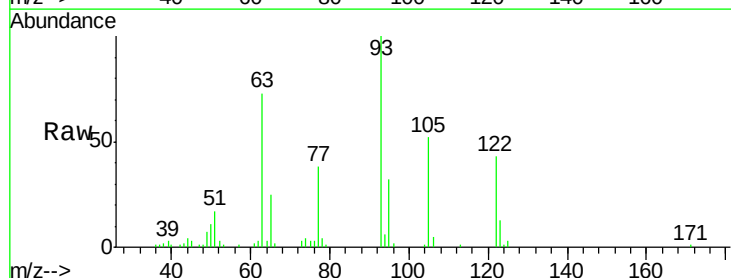


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

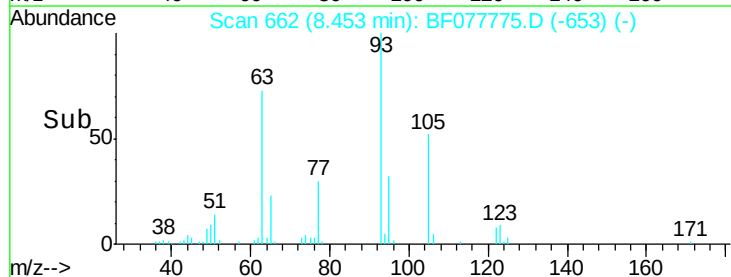
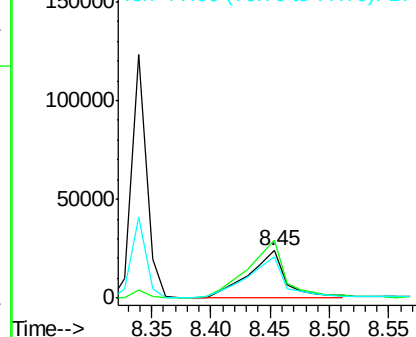


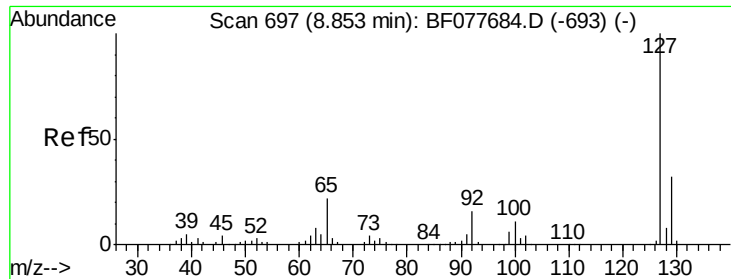
#32
Benzoic acid
Concen: 24.71 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion:122 Resp: 51735
Ion Ratio Lower Upper
122 100
105 121.7 99.9 139.9
77 87.8 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

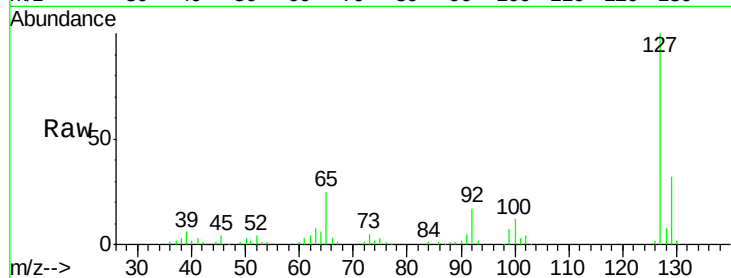




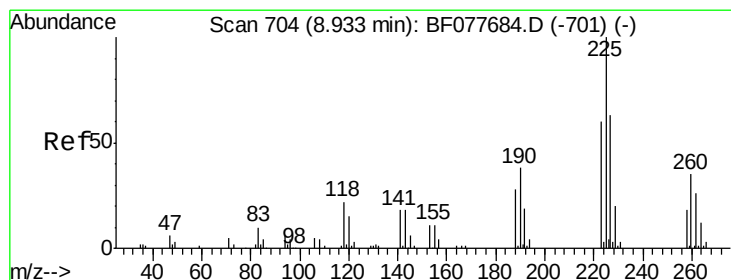
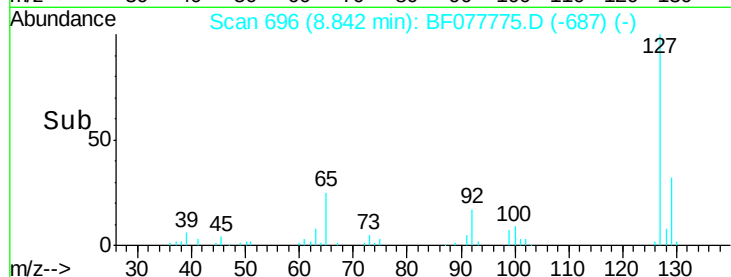
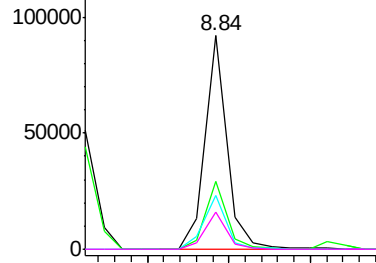
#33
4-Chloroaniline
Concen: 14.94 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB82134BS

Tgt Ion:	127	Resp:	85244
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.3	37.9
65	25.5	17.6	26.4
92	17.2	13.1	19.7

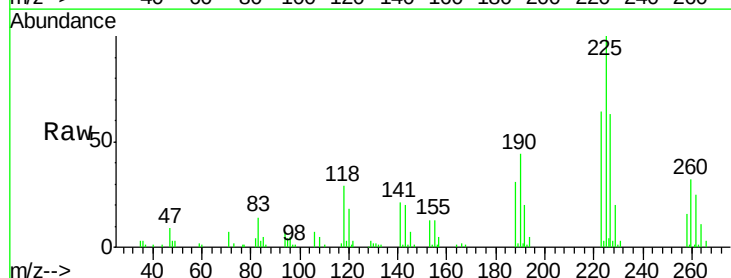


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

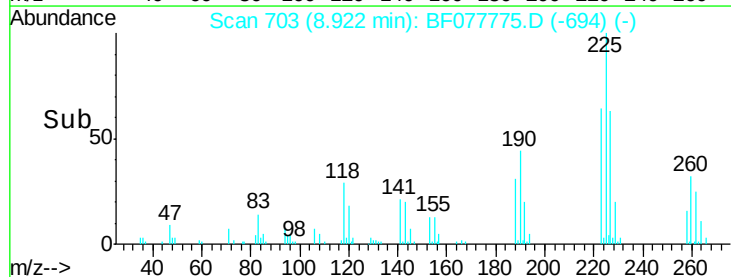
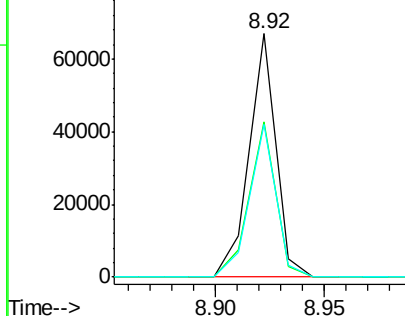


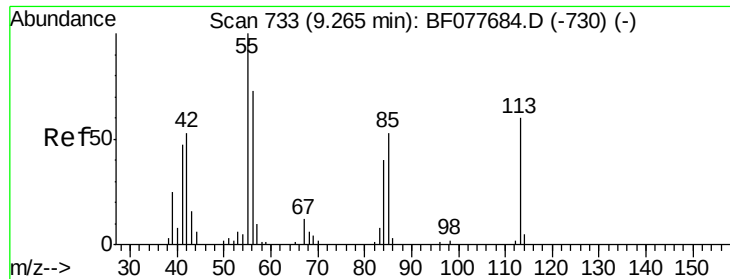
#34
Hexachlorobutadiene
Concen: 23.59 ng
RT: 8.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion:	225	Resp:	57238
Ion	Ratio	Lower	Upper
225	100		
223	63.8	47.9	71.9
227	63.0	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: 27.33 ng

RT: 9.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

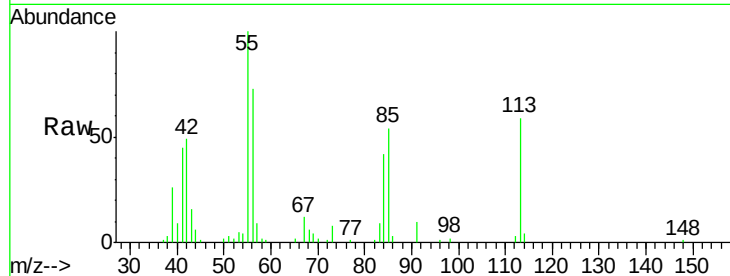
Tgt Ion:113 Resp: 30560

Ion Ratio Lower Upper

113 100

55 169.8 145.9 185.9

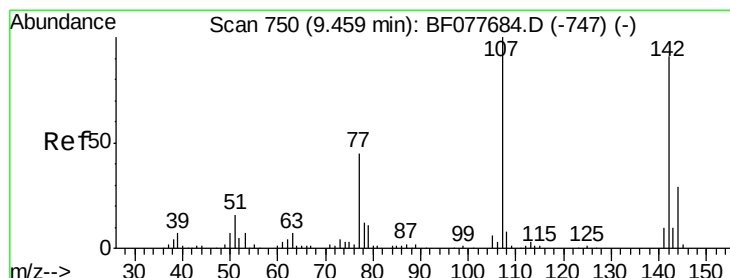
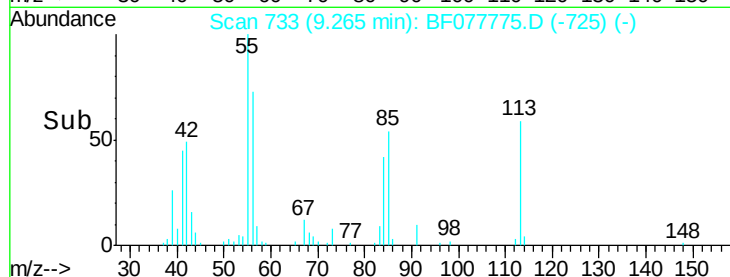
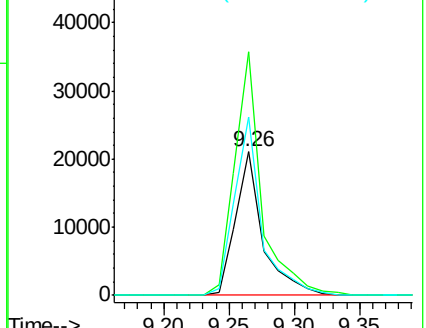
56 124.4 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 26.35 ng

RT: 9.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

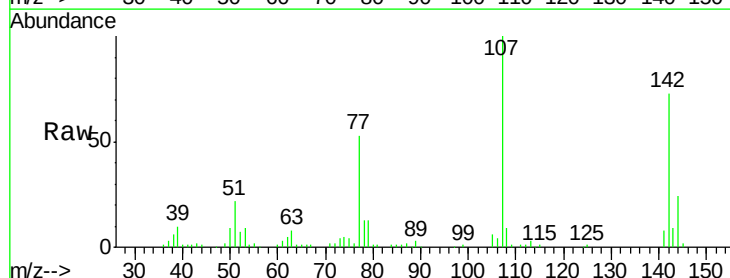
Tgt Ion:107 Resp: 101418

Ion Ratio Lower Upper

107 100

144 23.9 23.3 34.9

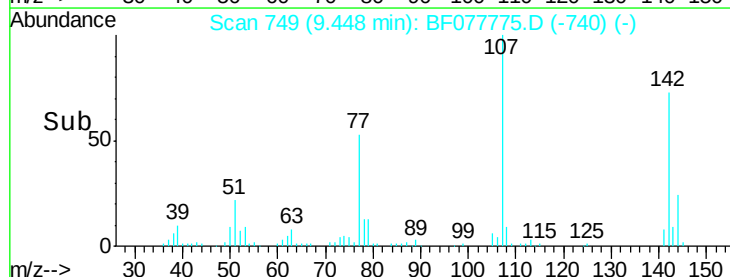
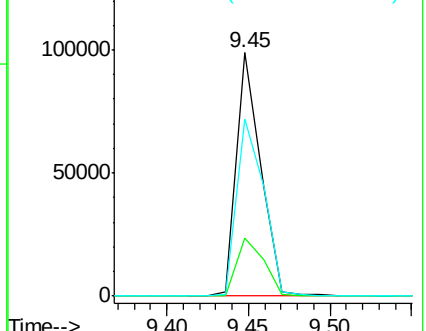
142 72.6 72.6 109.0#

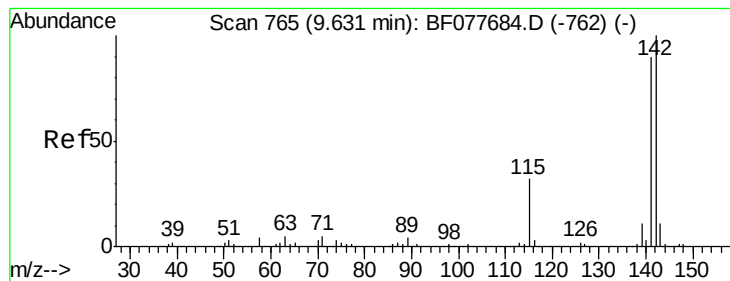


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 24.98 ng

RT: 9.62 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

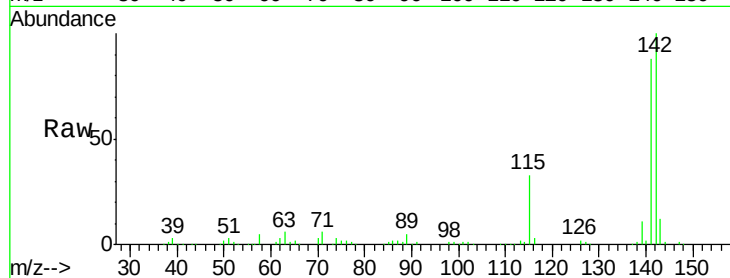
Tgt Ion:142 Resp: 236036

Ion Ratio Lower Upper

142 100

141 88.3 71.9 107.9

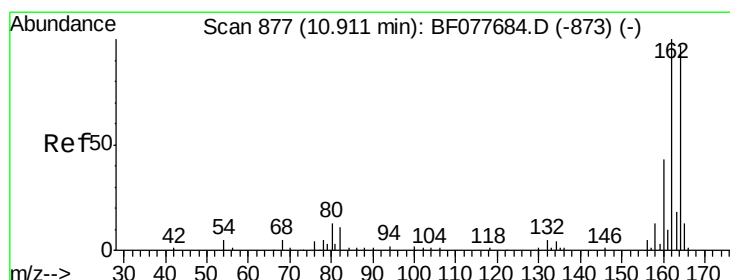
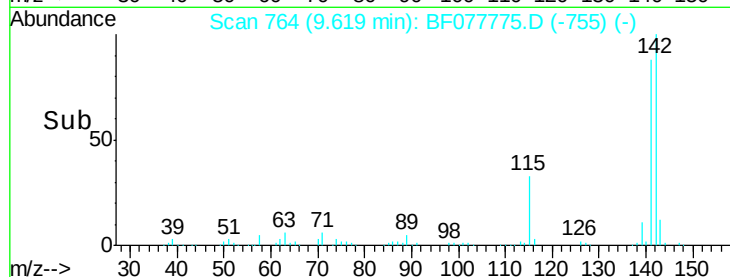
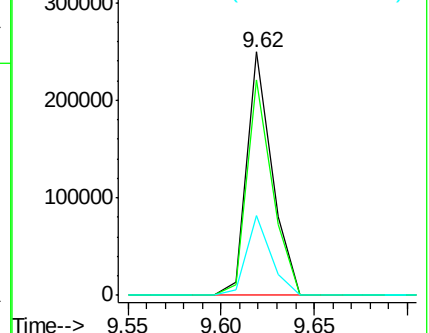
115 32.8 25.4 38.0



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: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

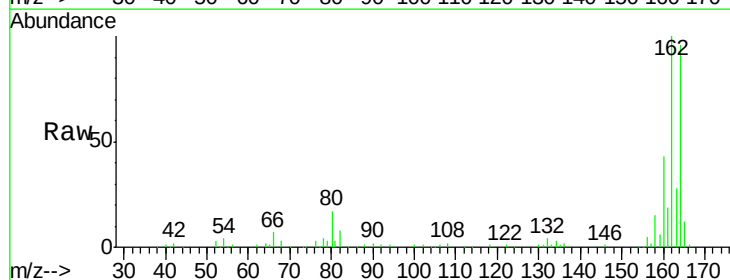
Tgt Ion:164 Resp: 145535

Ion Ratio Lower Upper

164 100

162 104.0 82.4 123.6

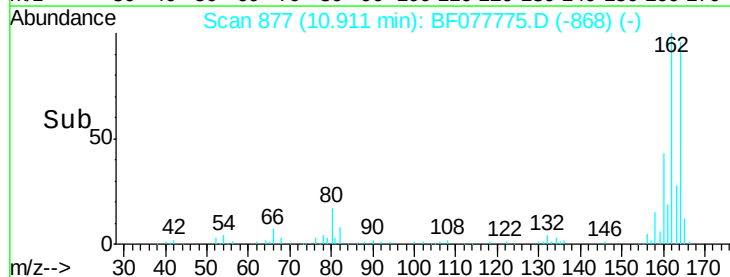
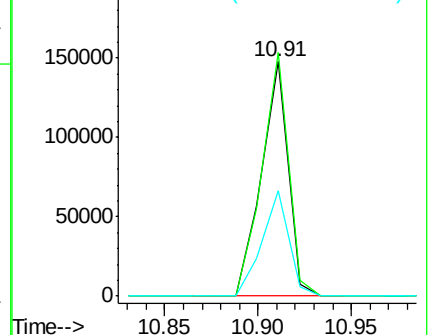
160 45.0 35.8 53.6

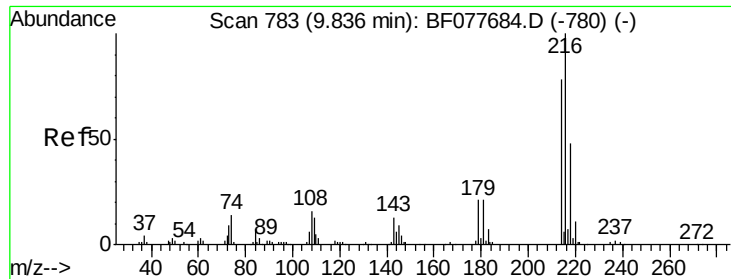


Abundance Ion 164.00 (163.70 to 164.70): E

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: 23.26 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

Tgt Ion:216 Resp: 100973

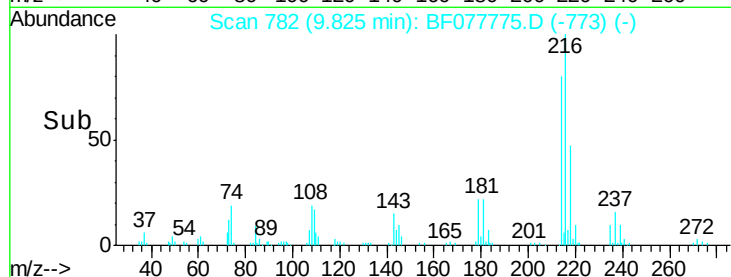
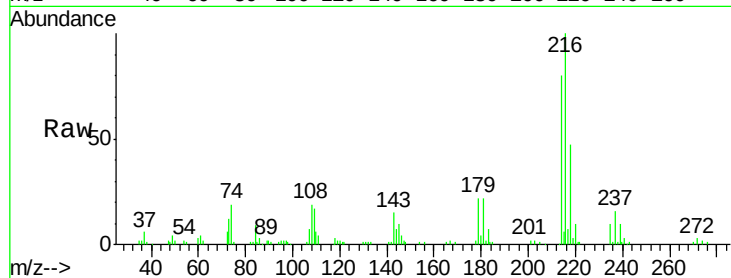
Ion Ratio Lower Upper

216 100

214 78.4 0.0 0.0#

179 21.3 0.0 0.0#

108 20.9 0.0 0.0#

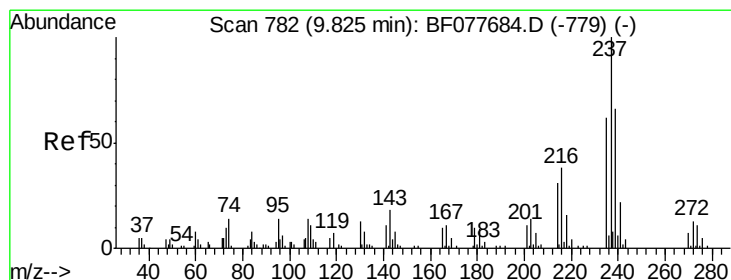
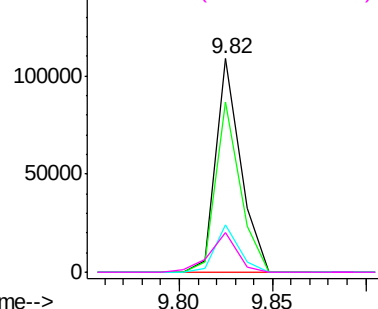


Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.36 ng

RT: 9.81 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

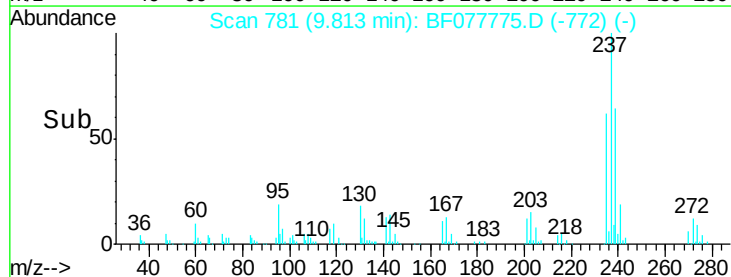
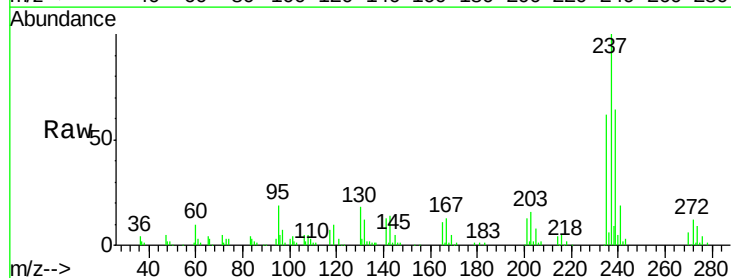
Tgt Ion:237 Resp: 99991

Ion Ratio Lower Upper

237 100

235 61.8 42.0 82.0

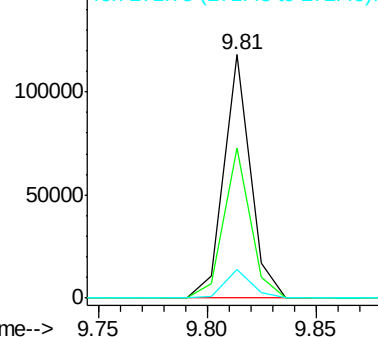
272 11.9 0.0 33.4

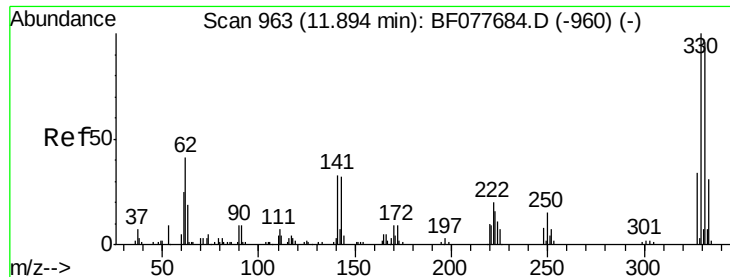


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

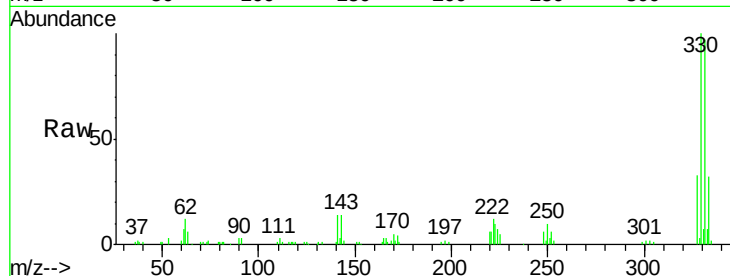




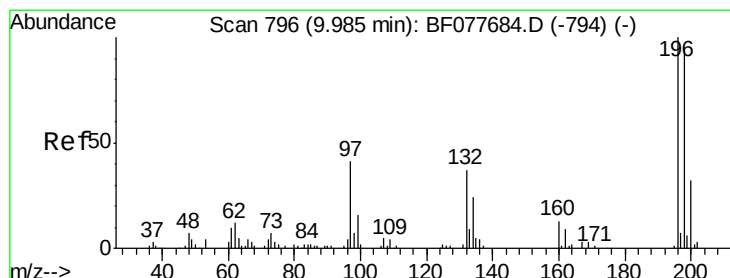
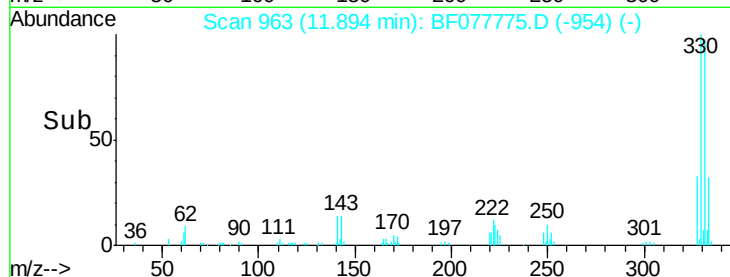
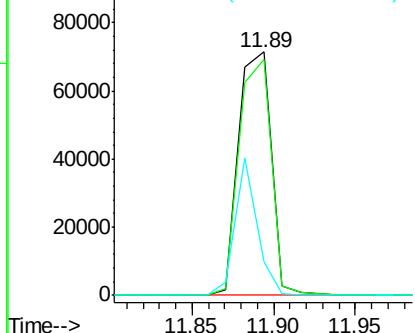
#41
 2,4,6-Tribromophenol
 Concen: 70.89 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

Tgt Ion:330 Resp: 98714
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 37.8 0.0 0.0#

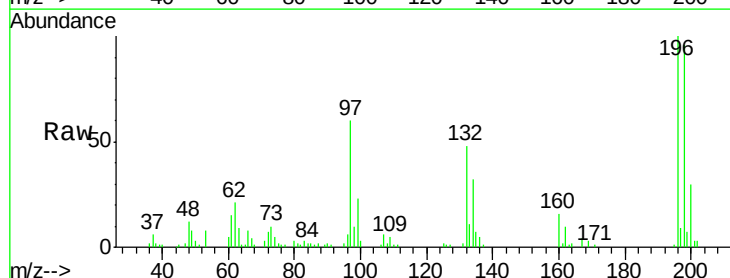


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

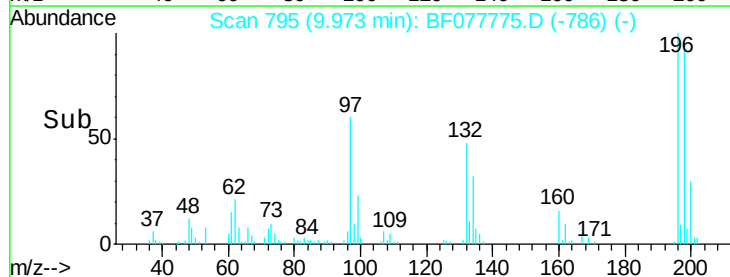
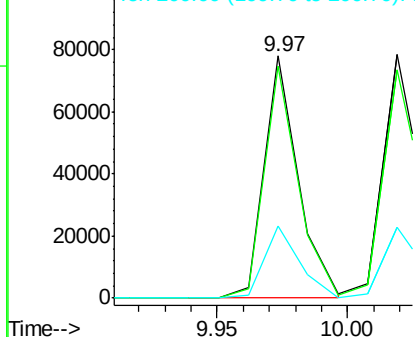


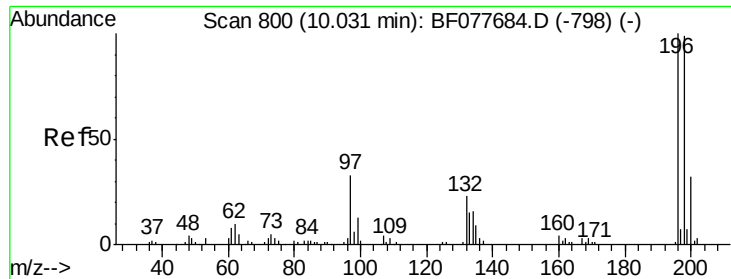
#42
 2,4,6-Trichlorophenol
 Concen: 23.58 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Tgt Ion:196 Resp: 70908
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.3 114.5
 200 29.9 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

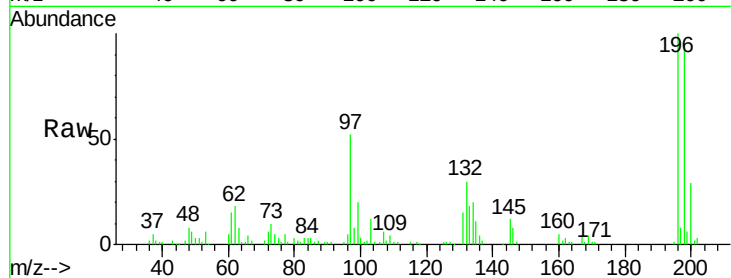




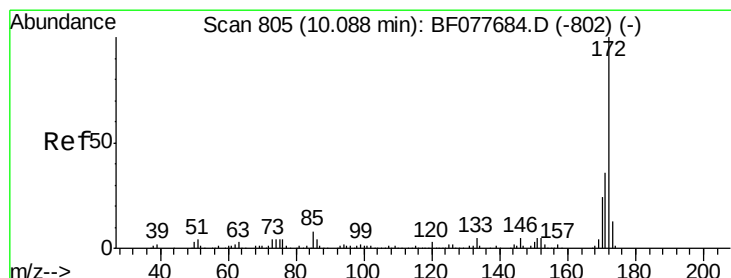
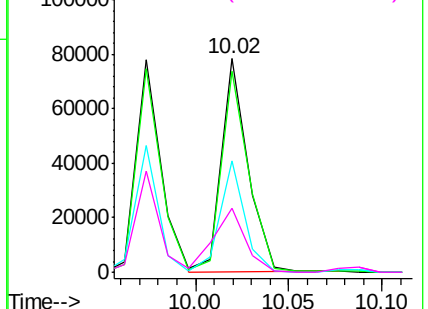
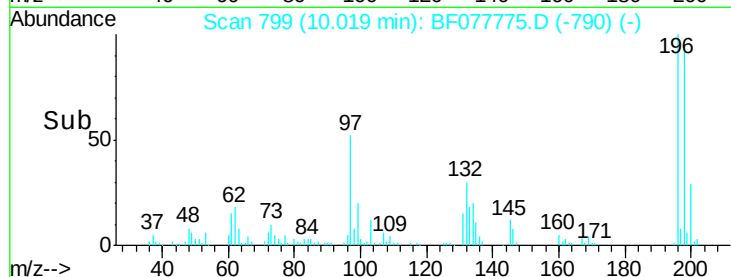
#43
 2,4,5-Trichlorophenol
 Concen: 23.87 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

Tgt Ion:196 Resp: 77538
 Ion Ratio Lower Upper
 196 100
 198 93.9 79.4 119.0
 97 52.2 26.8 40.2#
 132 30.0 18.6 28.0#

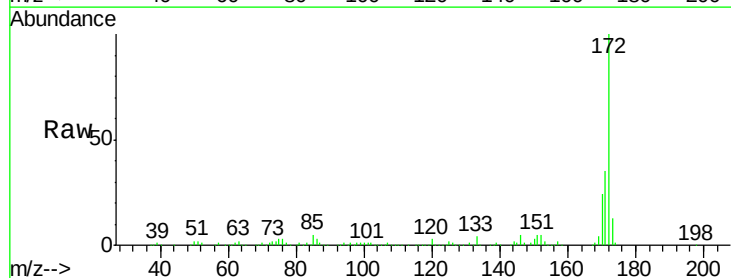


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

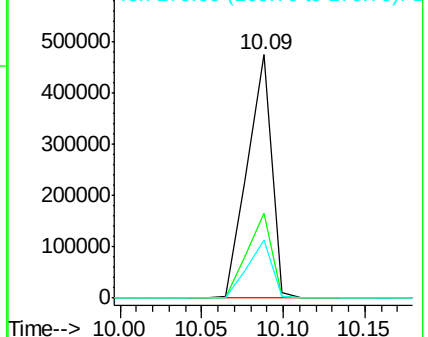
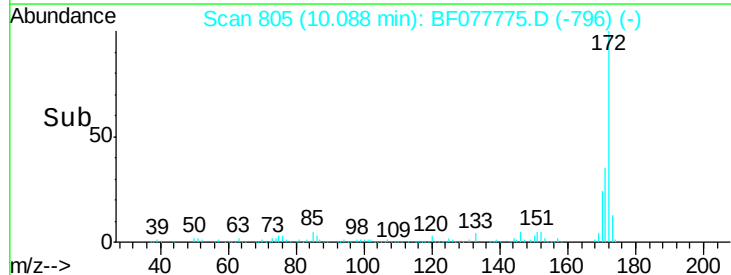


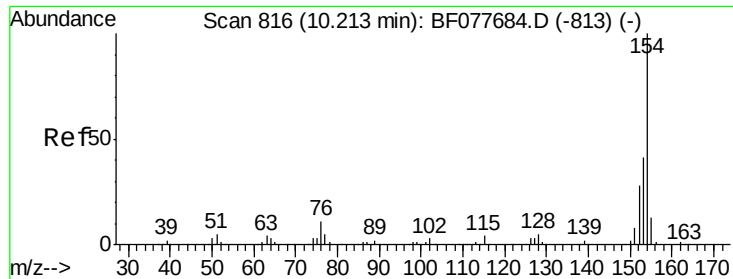
#44
 2-Fluorobiphenyl
 Concen: 49.64 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Tgt Ion:172 Resp: 491617
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.7 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

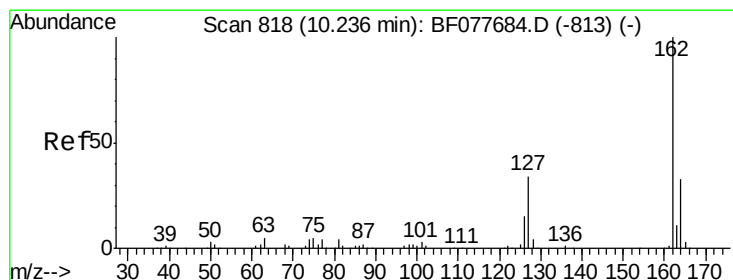
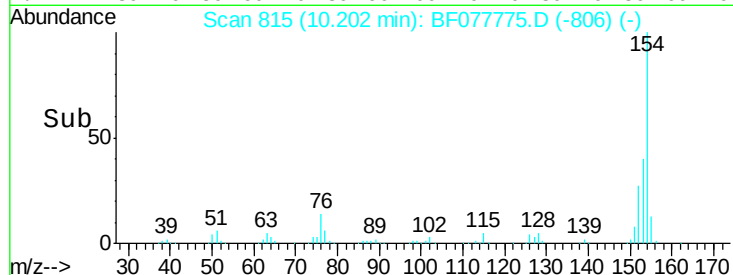
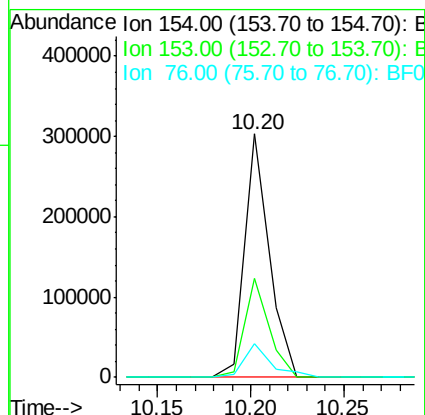
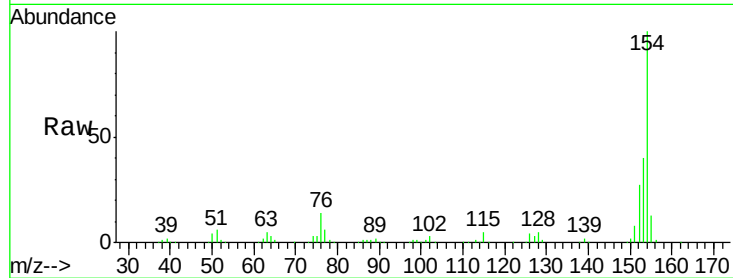




#45
 1,1'-Biphenyl
 Concen: 24.03 ng
 RT: 10.20 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

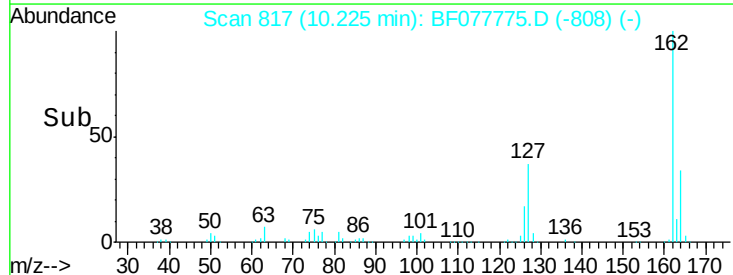
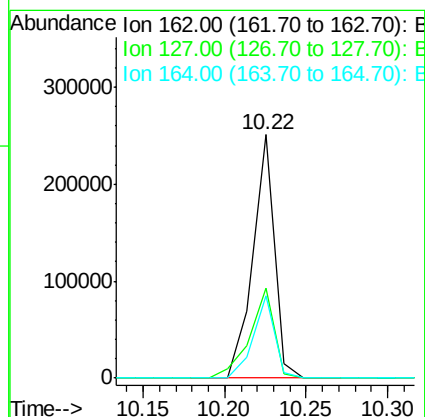
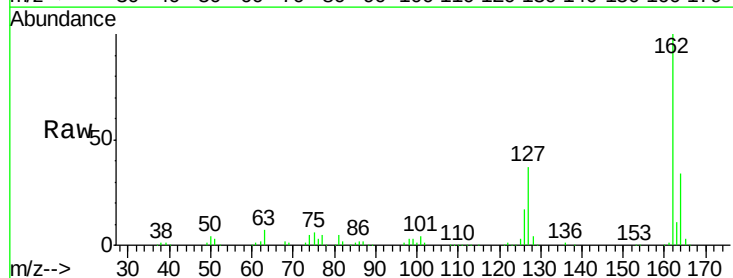
Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

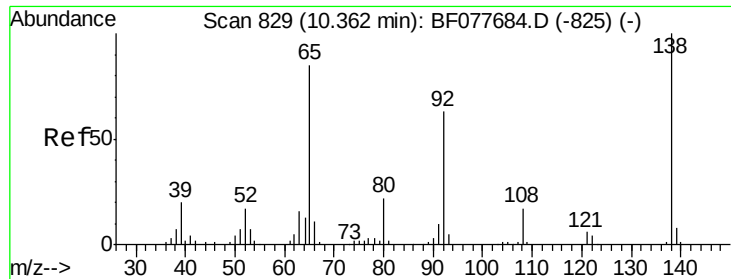
Tgt Ion:154 Resp: 279542
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.7 60.7
 76 13.9 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 24.37 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Tgt Ion:162 Resp: 230416
 Ion Ratio Lower Upper
 162 100
 127 37.1 26.9 40.3
 164 33.6 26.8 40.2

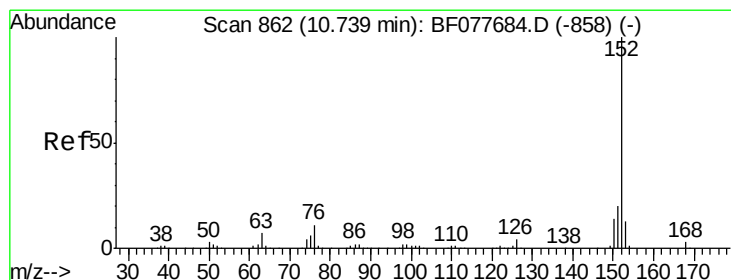
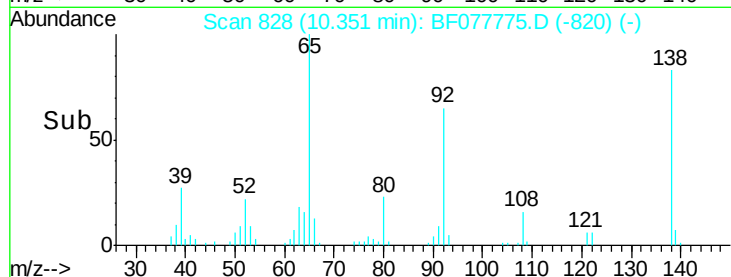
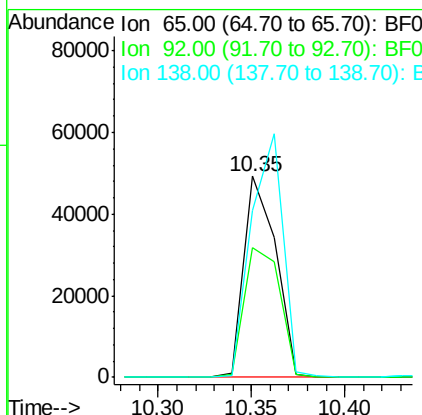
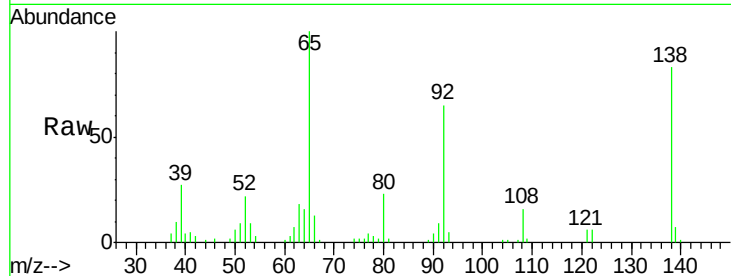




#47
2-Nitroaniline
Concen: 25.00 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

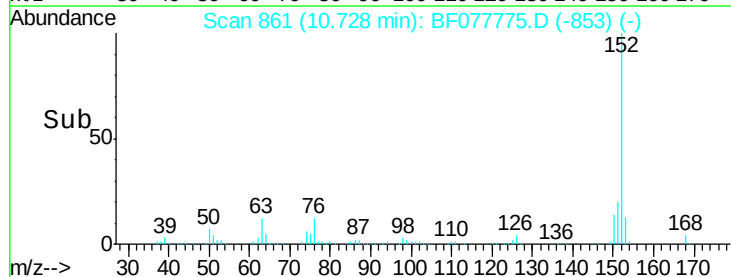
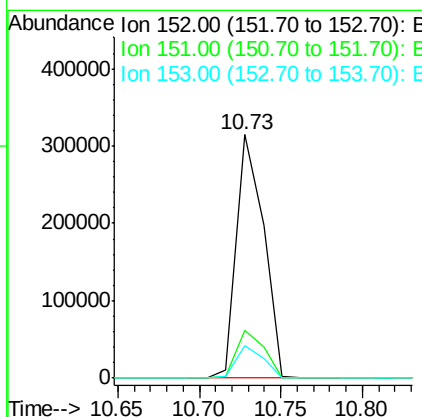
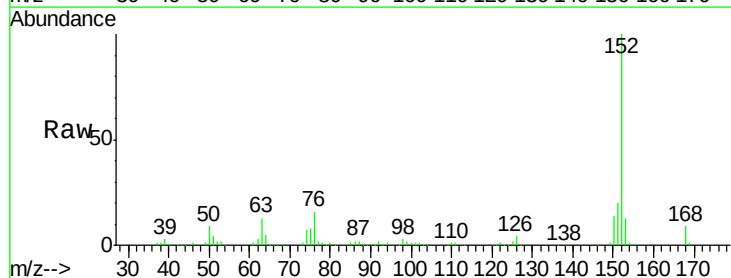
Instrument :
BNA_F
ClientSampleId :
PB82134BS

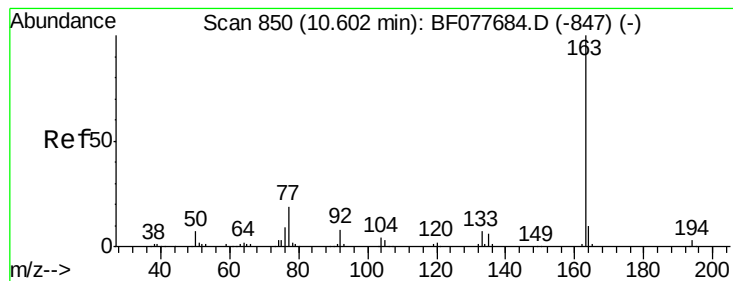
Tgt Ion: 65 Resp: 58707
Ion Ratio Lower Upper
65 100
92 64.8 59.1 88.7
138 82.8 93.9 140.9#



#48
Acenaphthylene
Concen: 22.90 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion: 152 Resp: 360003
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 24.02 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

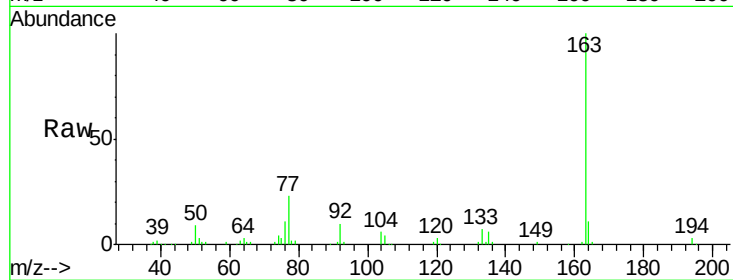
Tgt Ion:163 Resp: 259303

Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

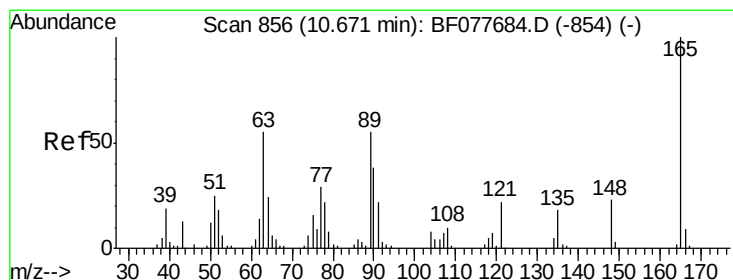
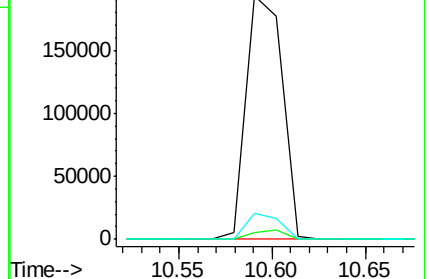
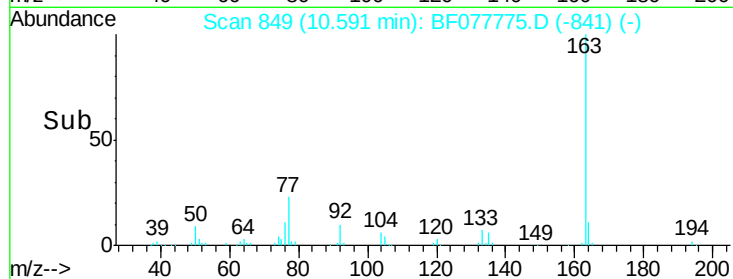
164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 25.97 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

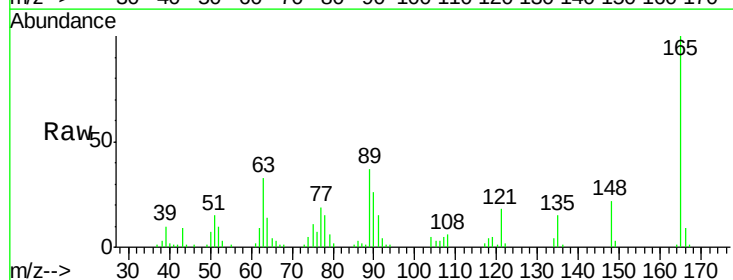
Tgt Ion:165 Resp: 58108

Ion Ratio Lower Upper

165 100

63 33.1 44.1 66.1#

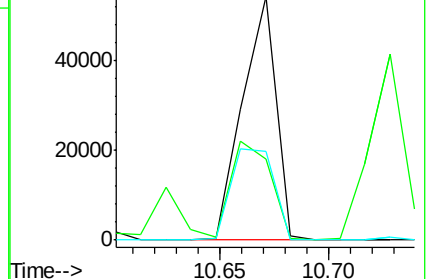
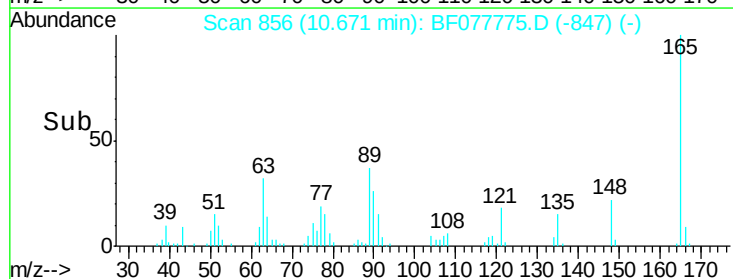
89 36.7 44.3 66.5#

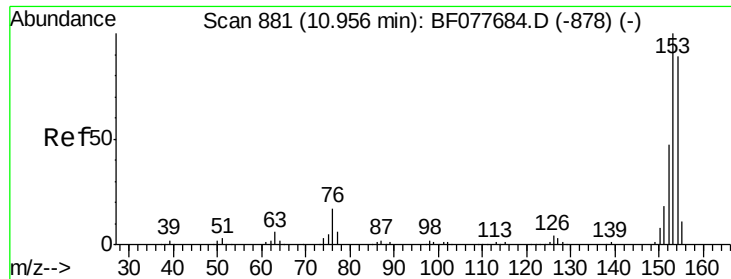


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 22.95 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

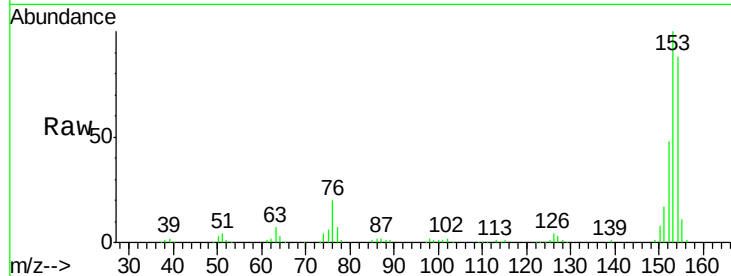
Tgt Ion:154 Resp: 206874

Ion Ratio Lower Upper

154 100

153 113.8 90.0 135.0

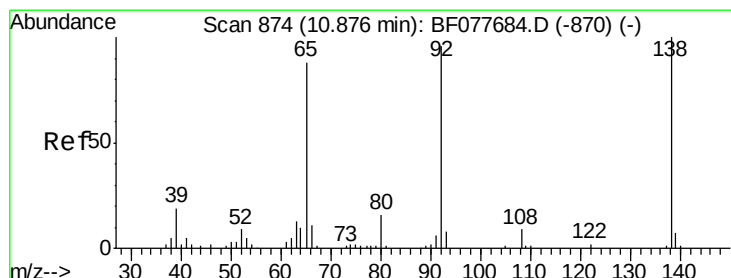
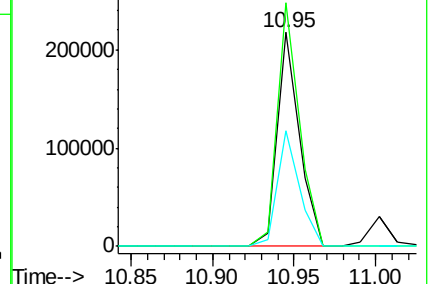
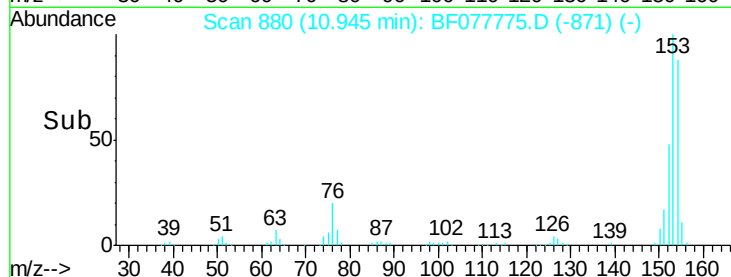
152 54.1 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.00 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

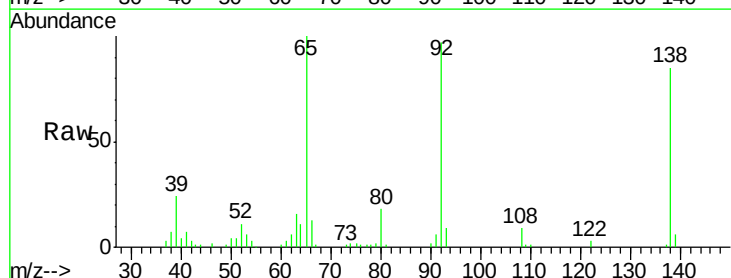
Tgt Ion:138 Resp: 46781

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

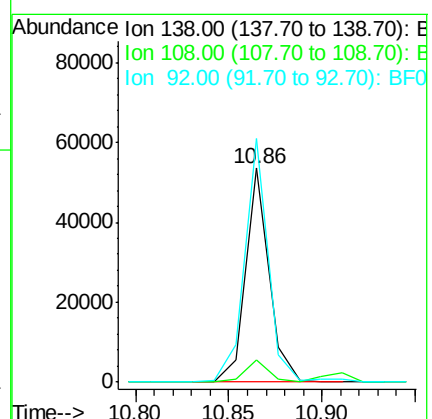
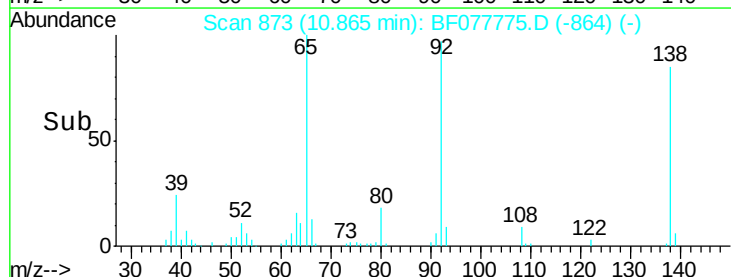
92 114.0 76.6 114.8

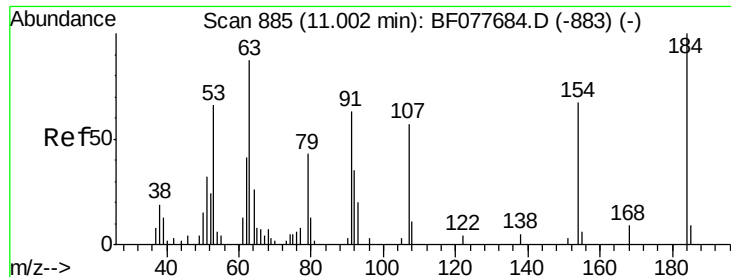


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

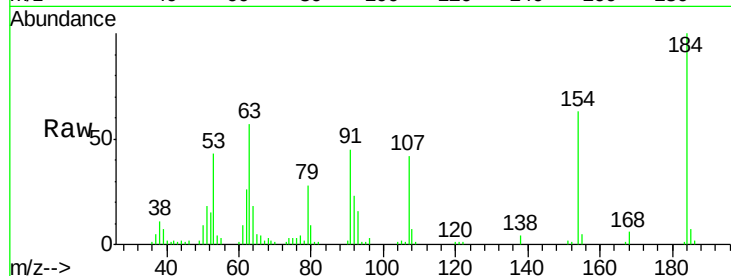




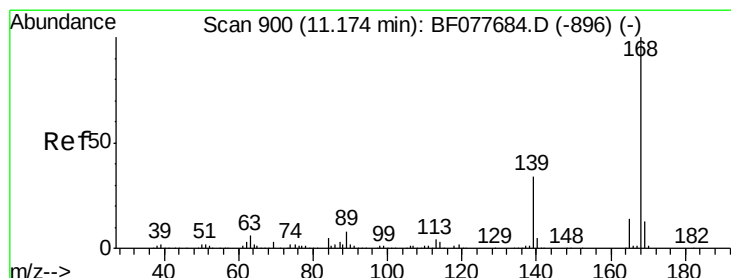
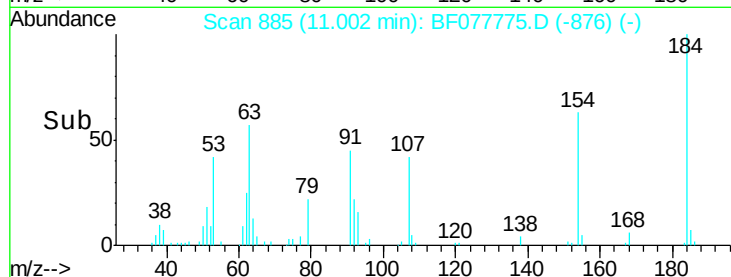
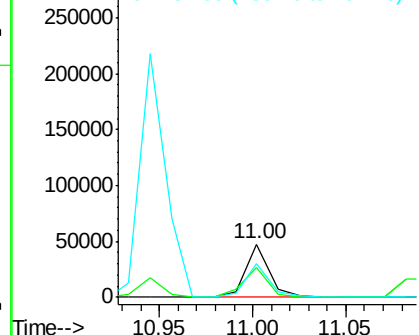
#53
2,4-Dinitrophenol
Concen: 55.25 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB82134BS

Tgt Ion:184 Resp: 43136
Ion Ratio Lower Upper
184 100
63 57.1 69.2 103.8#
154 62.6 53.3 79.9

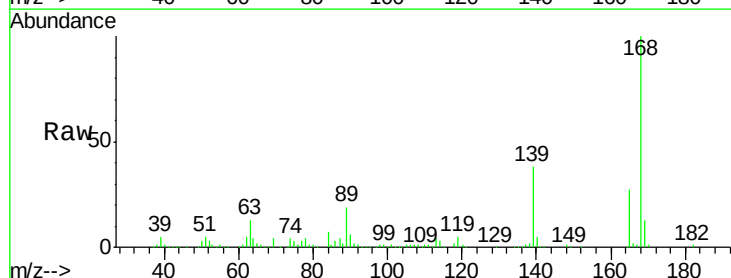


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

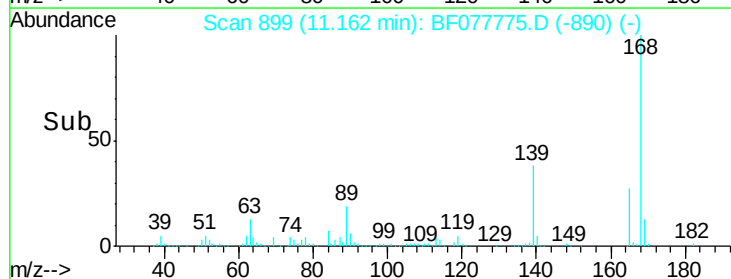
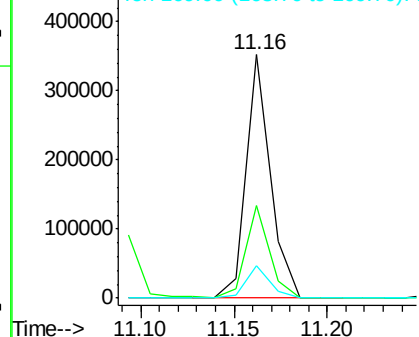


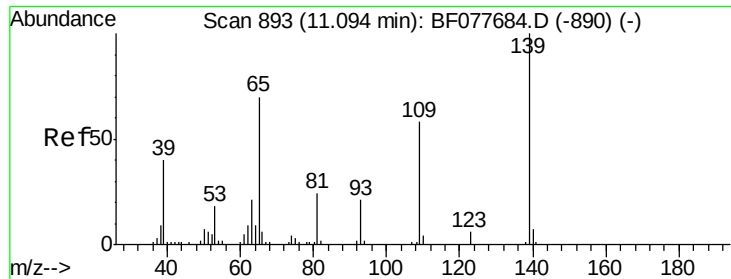
#54
Dibenzofuran
Concen: 23.86 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion:168 Resp: 319037
Ion Ratio Lower Upper
168 100
139 38.1 27.3 40.9
169 13.2 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

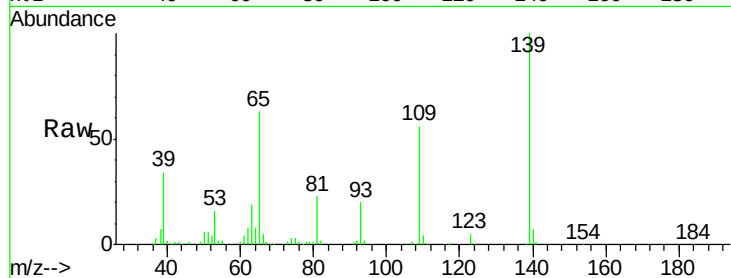




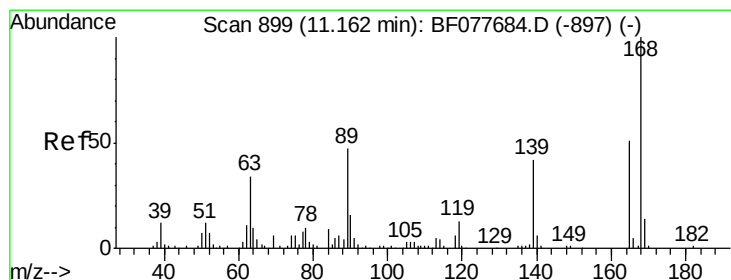
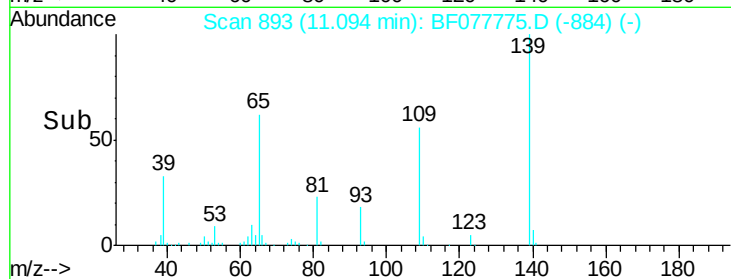
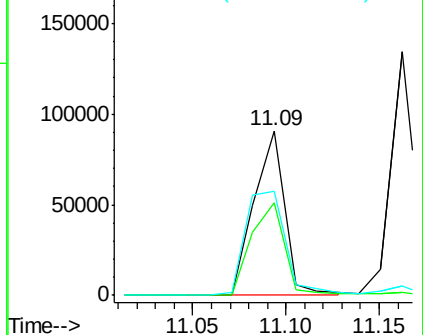
#55
4-Nitrophenol
Concen: 53.91 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB82134BS

Tgt Ion:139 Resp: 103769
Ion Ratio Lower Upper
139 100
109 56.5 37.7 77.7
65 62.9 49.9 89.9

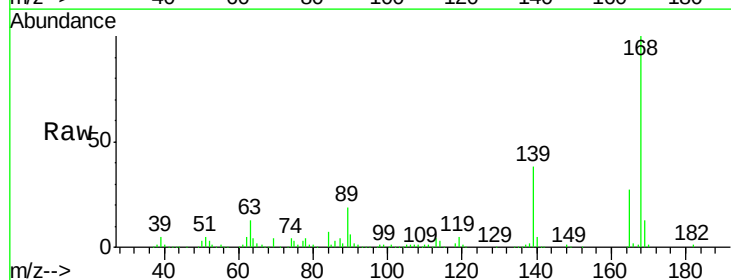


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

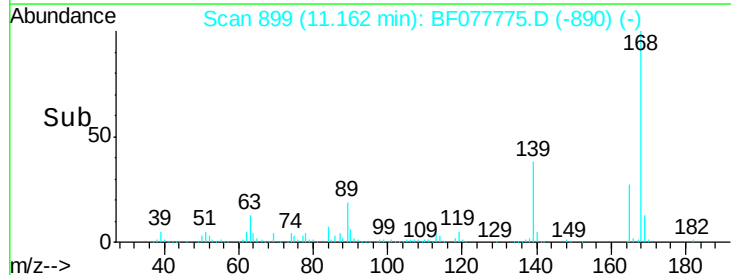
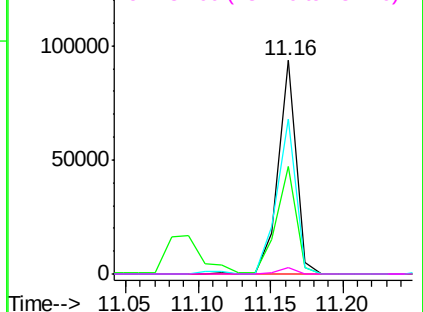


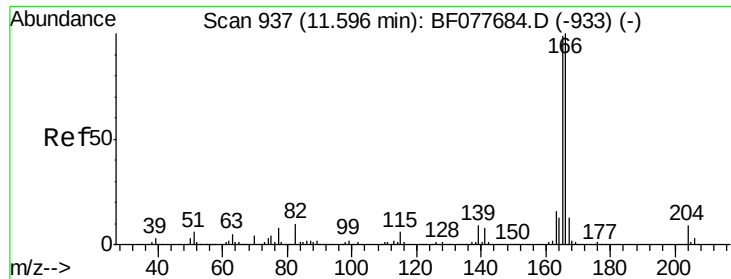
#56
2,4-Dinitrotoluene
Concen: 27.50 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion:165 Resp: 80222
Ion Ratio Lower Upper
165 100
63 50.1 52.4 78.6#
89 72.5 72.4 108.6
182 2.7 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: 23.21 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

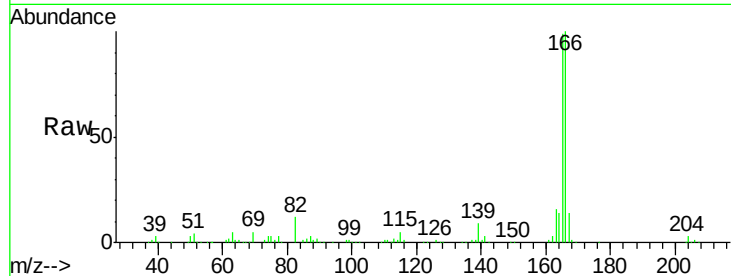
Tgt Ion:166 Resp: 257652

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.4

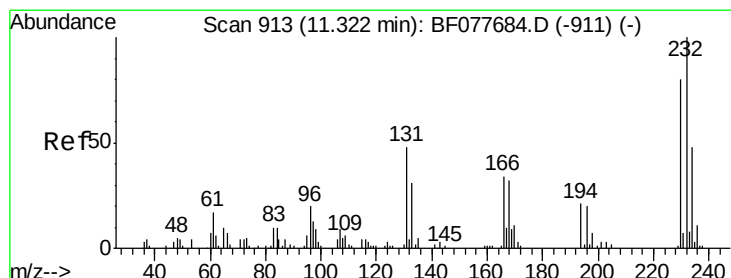
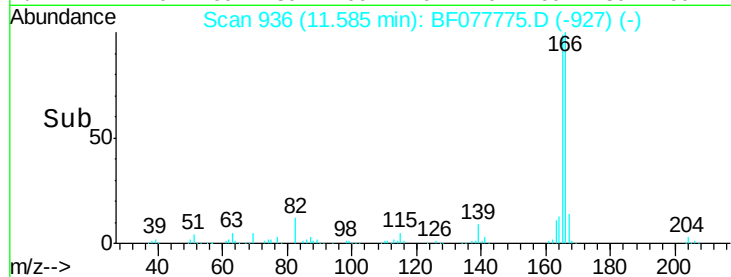
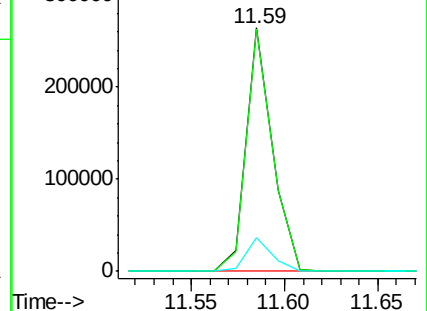
167 13.7 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.45 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Tgt Ion:232 Resp: 61154

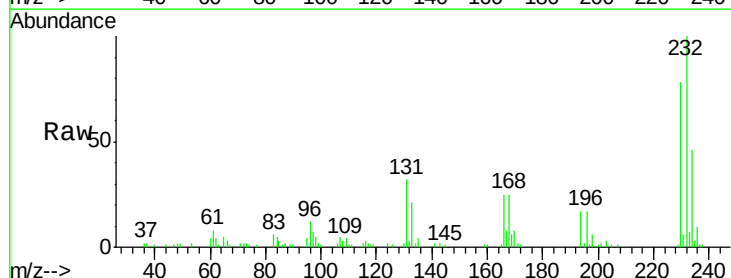
Ion Ratio Lower Upper

232 100

131 47.3 0.0 0.0#

130 2.3 0.0 0.0#

166 30.8 0.0 0.0#

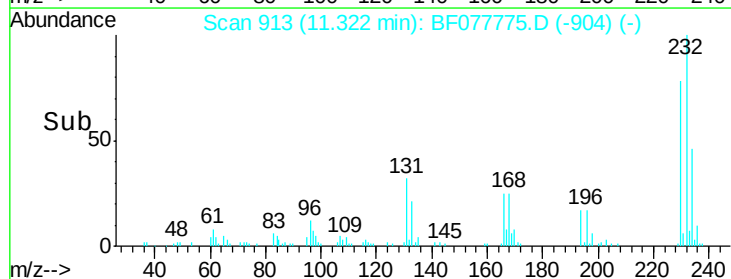
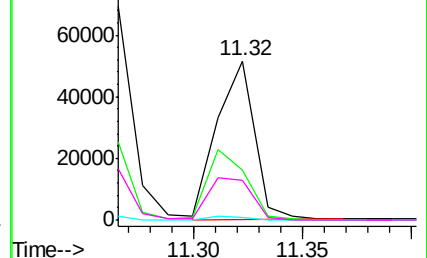


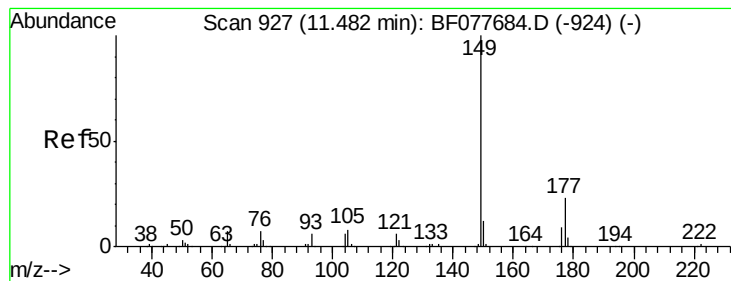
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 24.48 ng

RT: 11.47 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

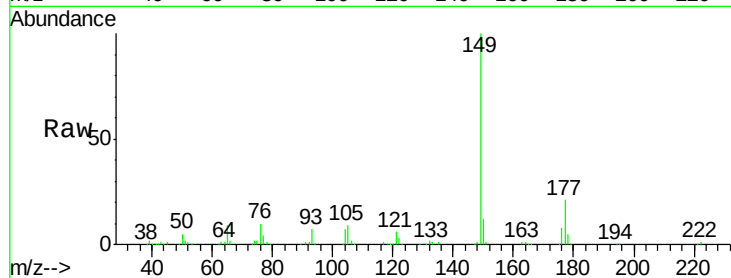
Tgt Ion:149 Resp: 257439

Ion Ratio Lower Upper

149 100

177 21.0 18.3 27.5

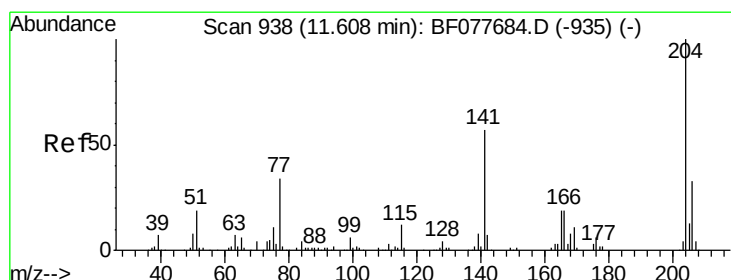
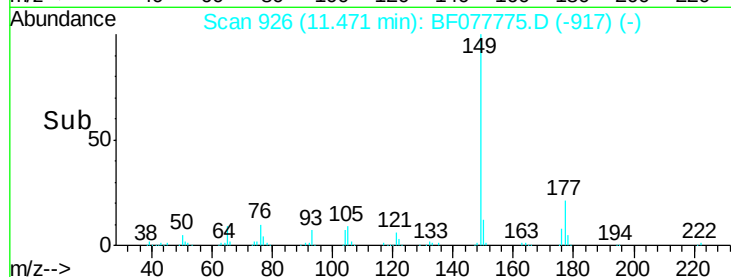
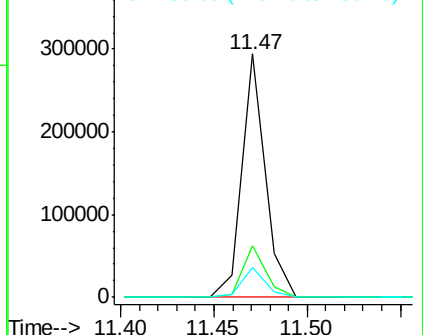
150 12.3 9.8 14.8



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: 22.74 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

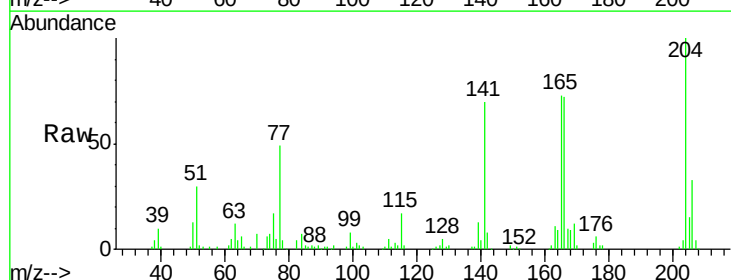
Tgt Ion:204 Resp: 115217

Ion Ratio Lower Upper

204 100

206 32.5 26.6 39.8

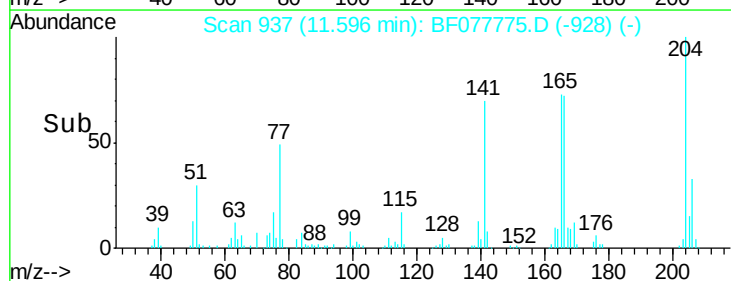
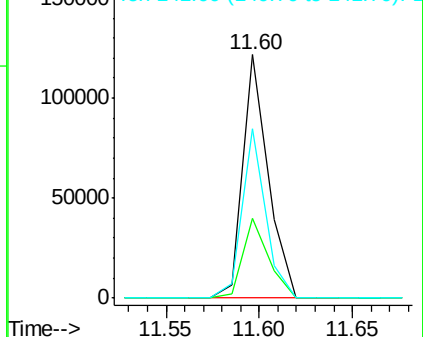
141 69.8 45.2 67.8#

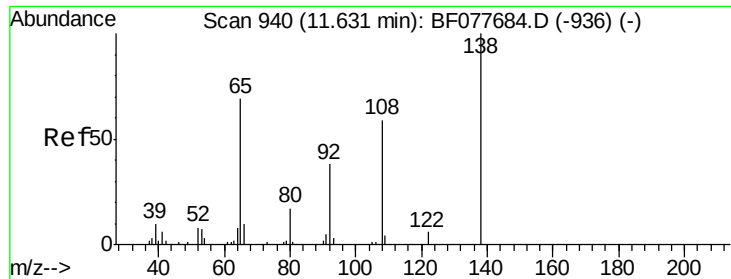


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

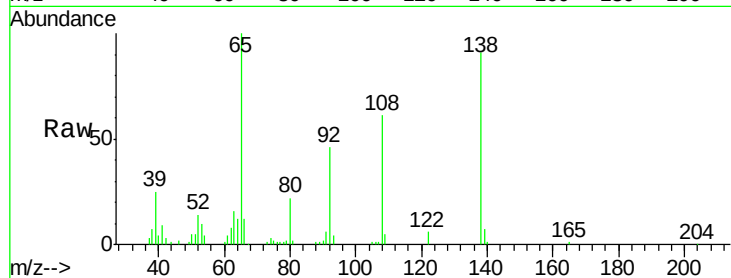




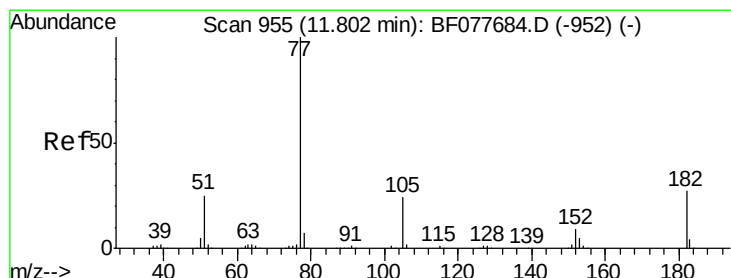
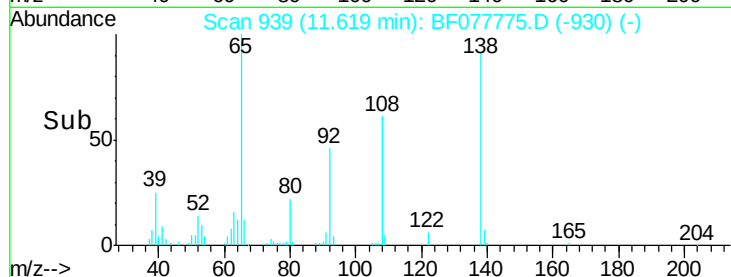
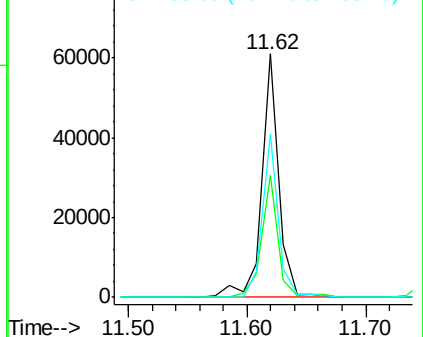
#61
4-Nitroaniline
Concen: 23.70 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB82134BS

Tgt Ion:138 Resp: 61368
Ion Ratio Lower Upper
138 100
92 50.2 16.7 56.7
108 67.1 37.6 77.6

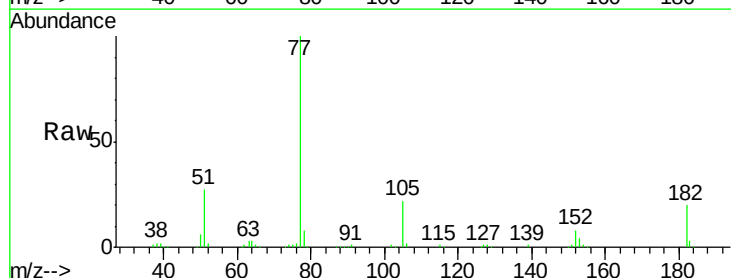


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

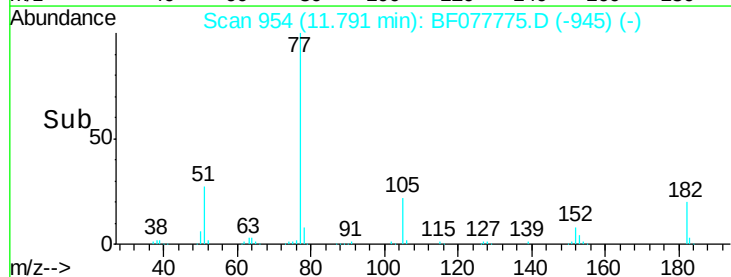
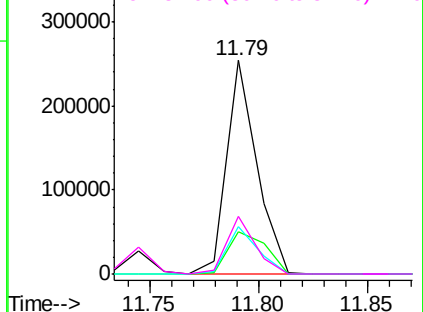


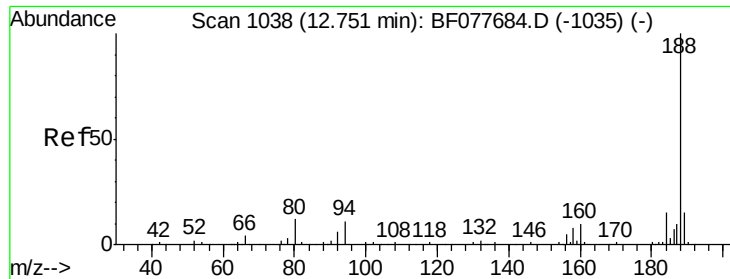
#62
Azobenzene
Concen: 24.21 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion: 77 Resp: 243377
Ion Ratio Lower Upper
77 100
182 19.7 6.5 46.5
105 22.1 3.8 43.8
51 27.2 5.5 45.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

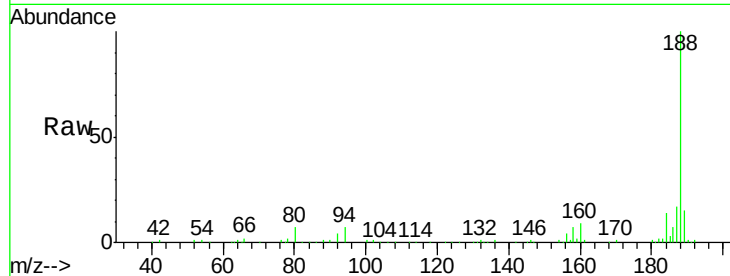




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

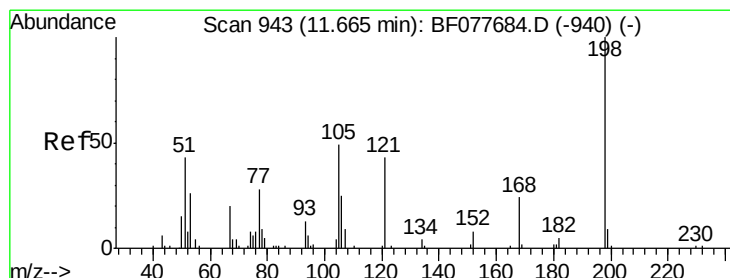
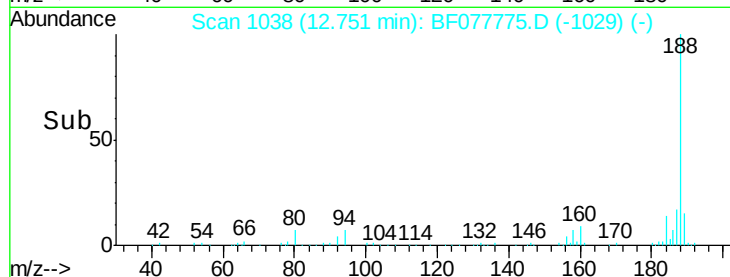
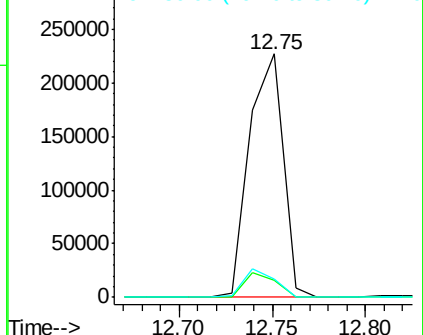
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.7	13.1#
80	7.5	9.3	13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

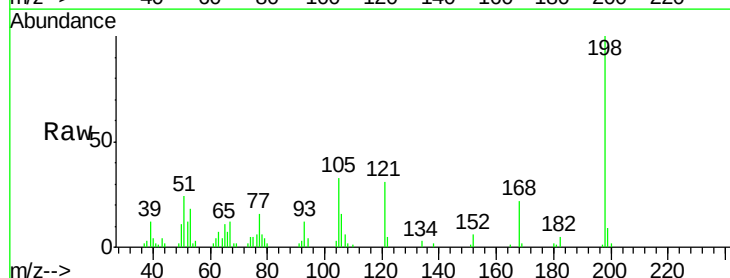
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.63 ng
 RT: 11.67 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

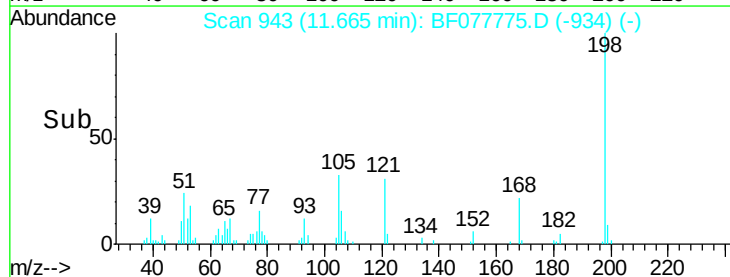
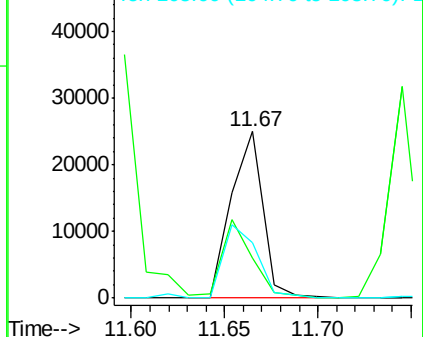
Tgt Ion	Ratio	Lower	Upper
198	100		
51	24.1	28.8	68.8#
105	33.3	30.5	70.5

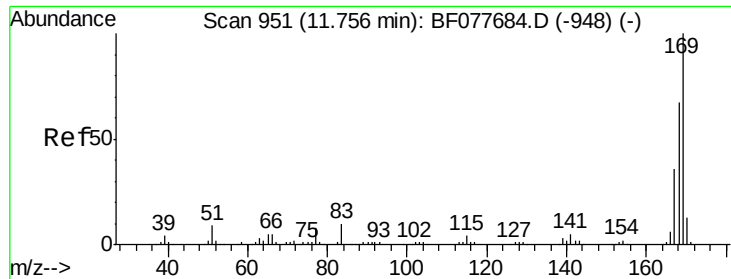


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

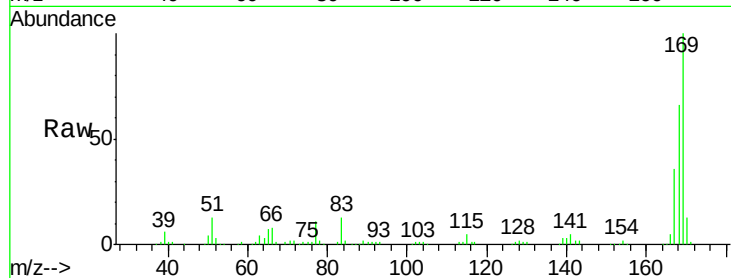




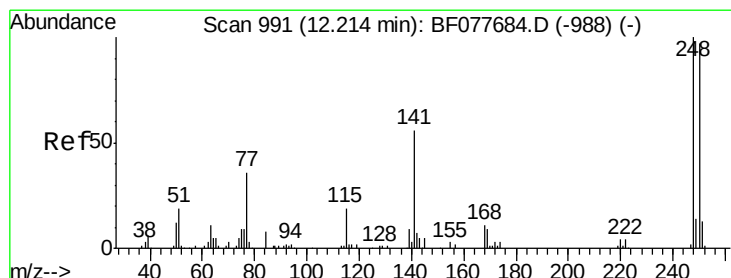
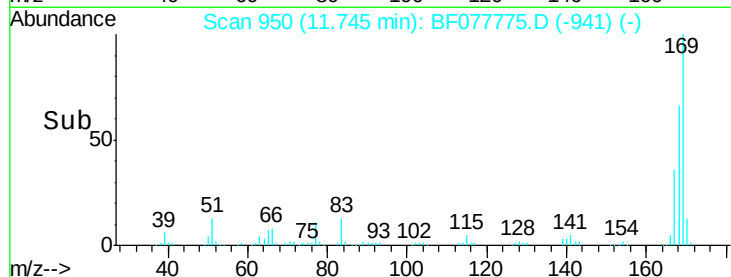
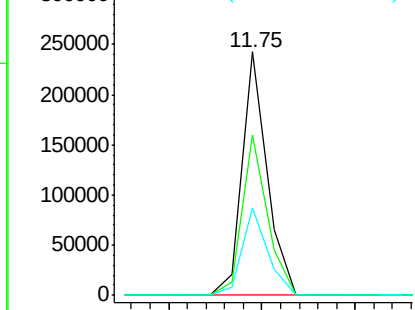
#65
 n-Nitrosodiphenylamine
 Concen: 23.87 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

Tgt Ion:169 Resp: 226214
 Ion Ratio Lower Upper
 169 100
 168 65.8 53.9 80.9
 167 36.0 28.9 43.3

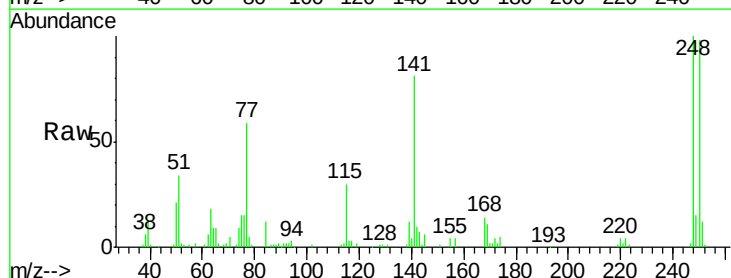


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

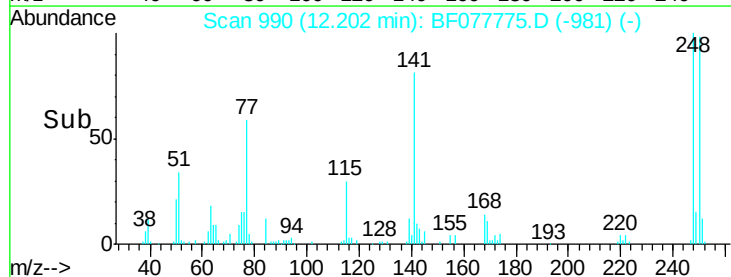
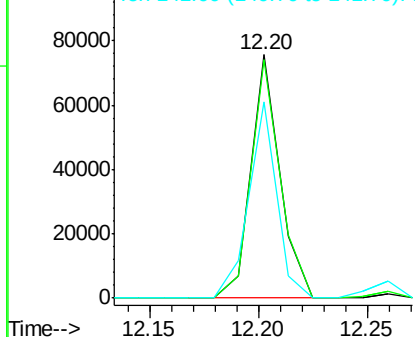


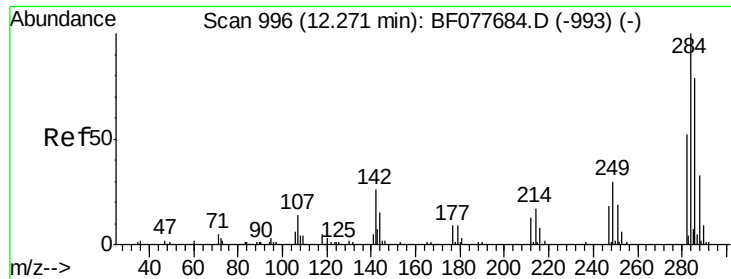
#66
 4-Bromophenyl-phenylether
 Concen: 23.02 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Tgt Ion:248 Resp: 69923
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.4 116.0
 141 80.8 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

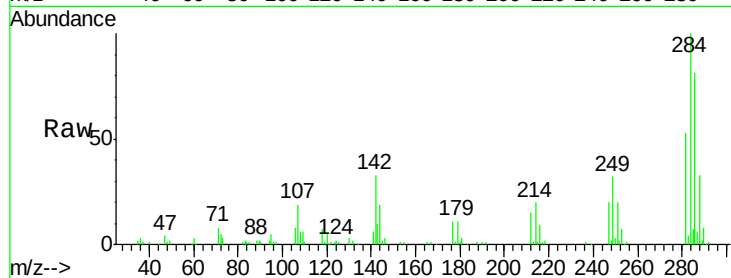




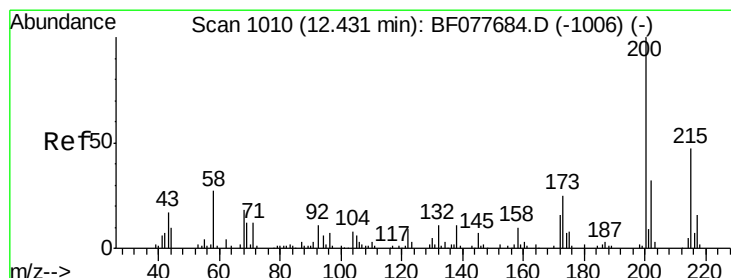
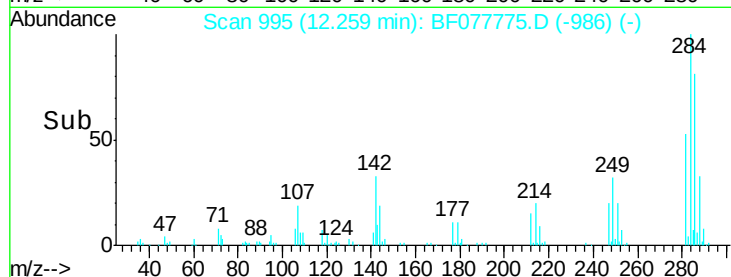
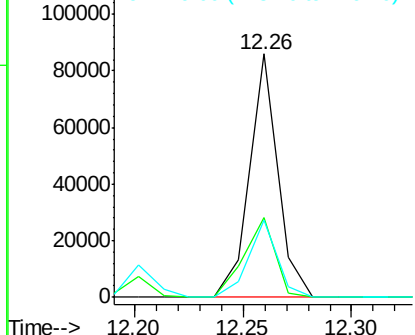
#67
Hexachlorobenzene
Concen: 23.36 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB82134BS

Tgt Ion:284 Resp: 77961
Ion Ratio Lower Upper
284 100
142 32.6 20.4 30.6#
249 31.9 23.8 35.6

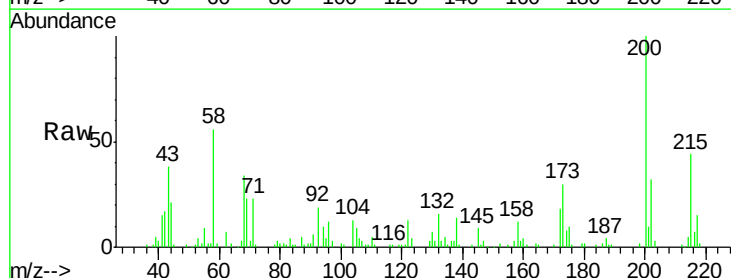


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

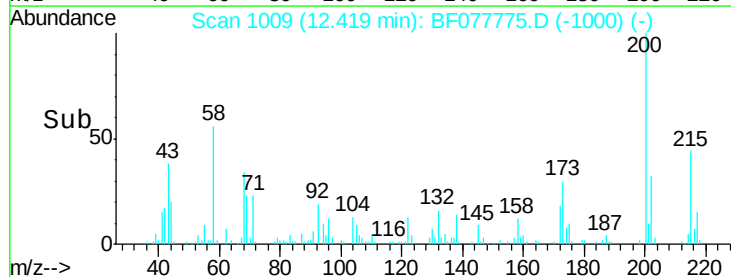
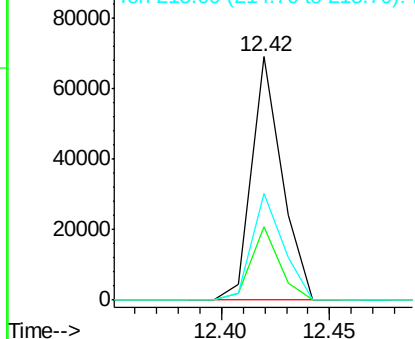


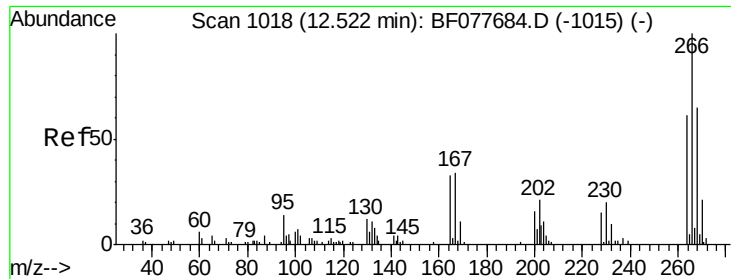
#68
Atrazine
Concen: 25.19 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion:200 Resp: 66898
Ion Ratio Lower Upper
200 100
173 30.3 4.8 44.8
215 43.6 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

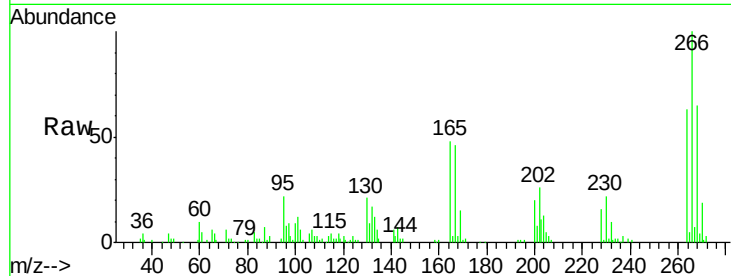




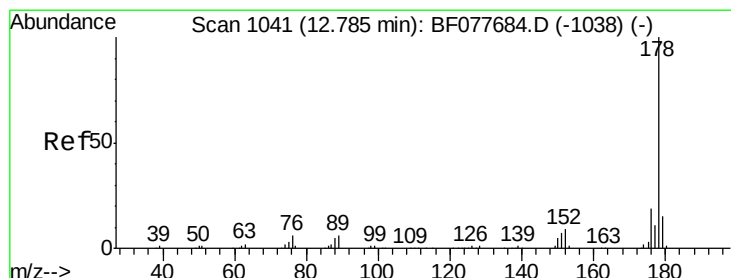
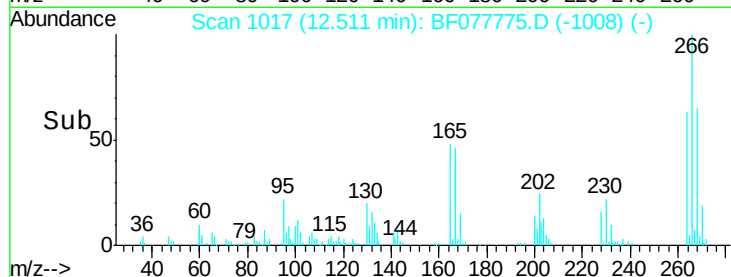
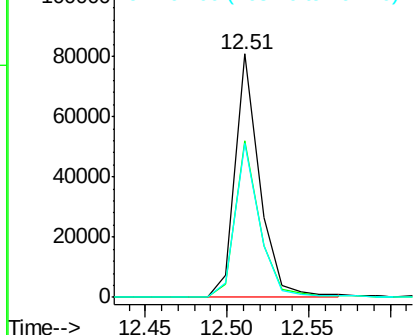
#69
 Pentachlorophenol
 Concen: 49.16 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

Tgt Ion:266 Resp: 83761
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.0 78.0
 264 63.3 49.0 73.4

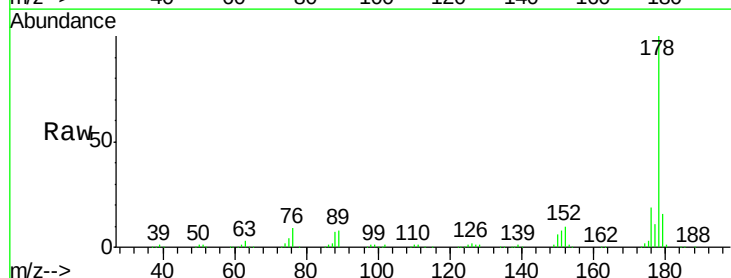


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

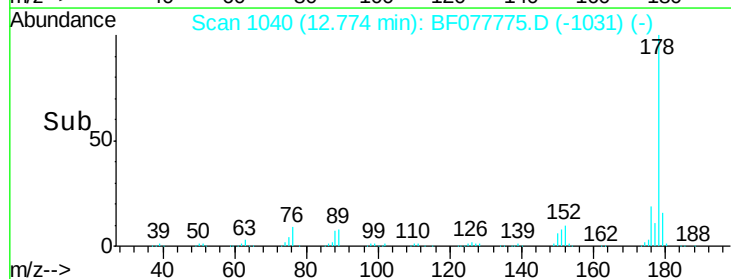
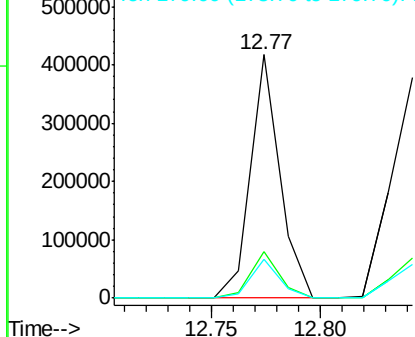


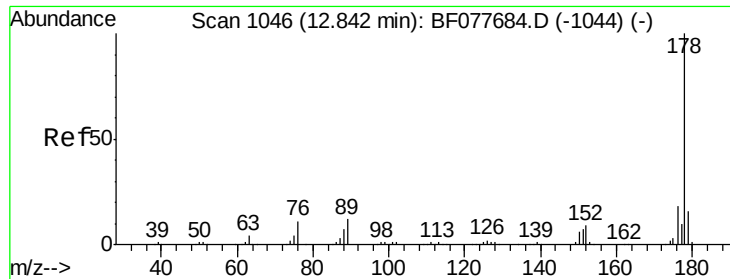
#70
 Phenanthrene
 Concen: 24.00 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Tgt Ion:178 Resp: 392020
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.9 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

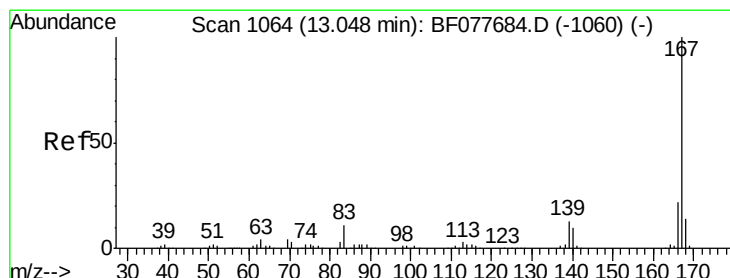
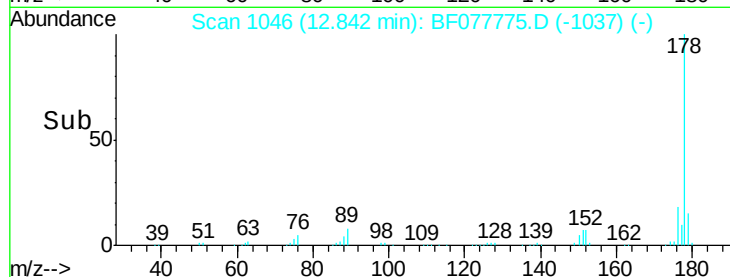
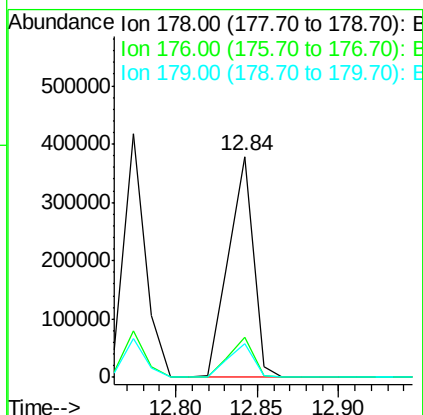
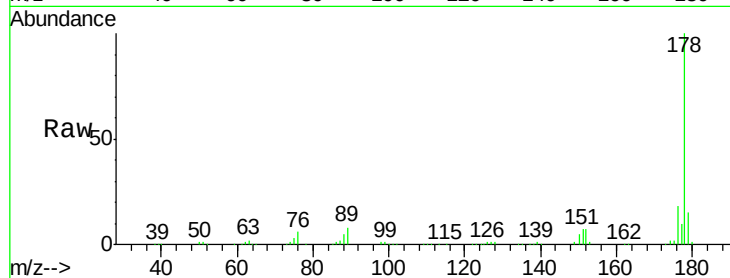




#71
 Anthracene
 Concen: 24.62 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

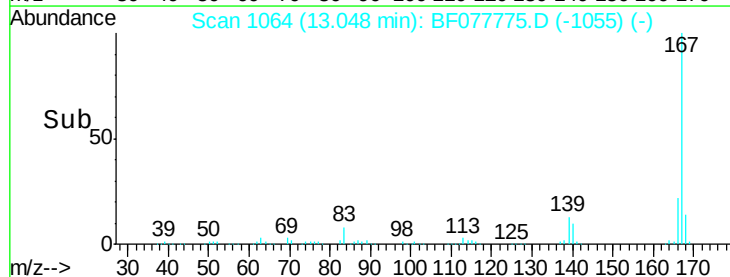
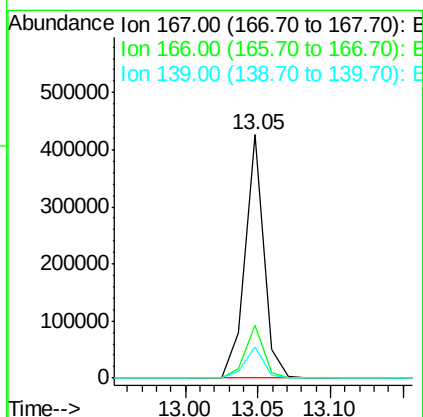
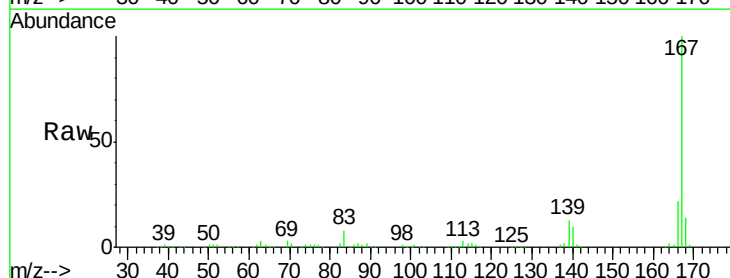
Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

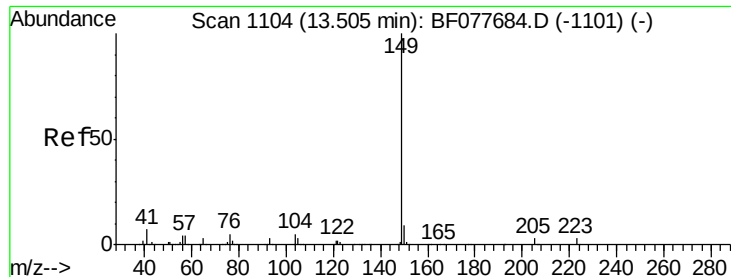
Tgt Ion:178 Resp: 397376
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 25.02 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Tgt Ion:167 Resp: 384206
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 23.77 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

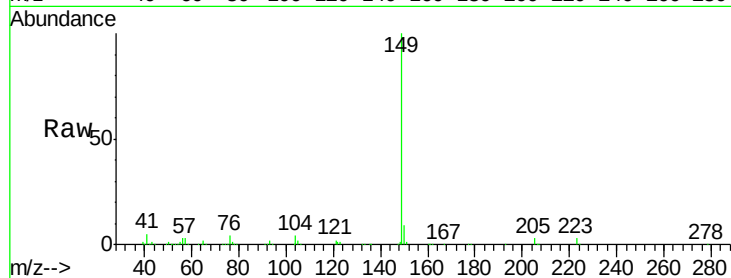
Tgt Ion:149 Resp: 409138

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

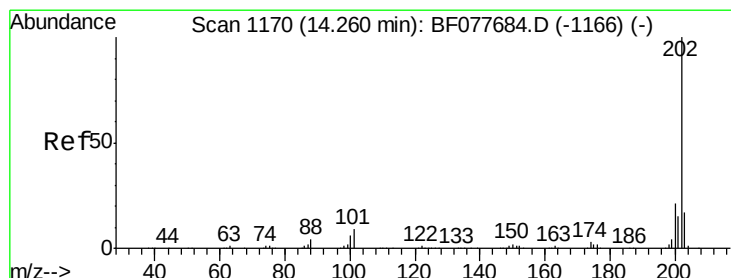
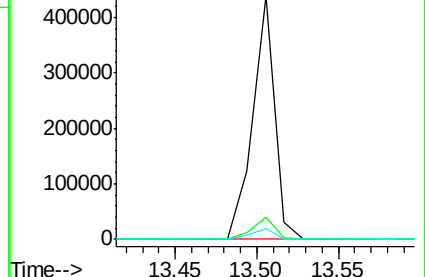
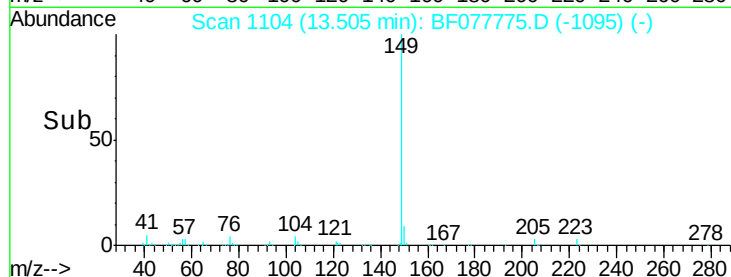
104 4.2 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 23.58 ng

RT: 14.25 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

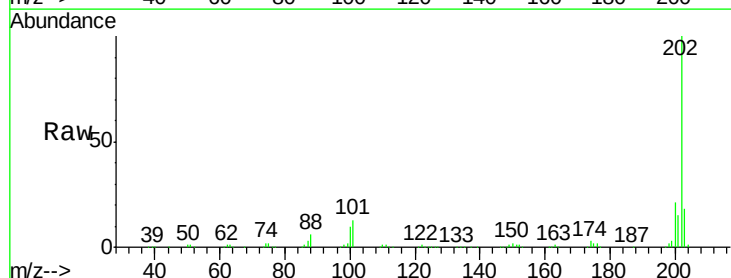
Tgt Ion:202 Resp: 424872

Ion Ratio Lower Upper

202 100

101 12.8 0.0 28.7

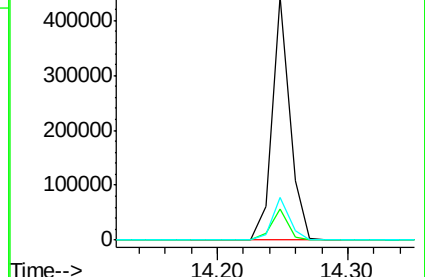
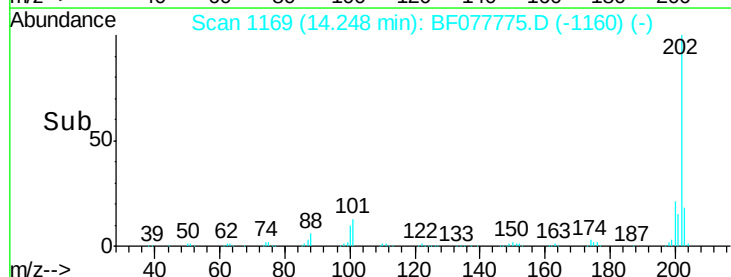
203 17.6 0.0 37.2

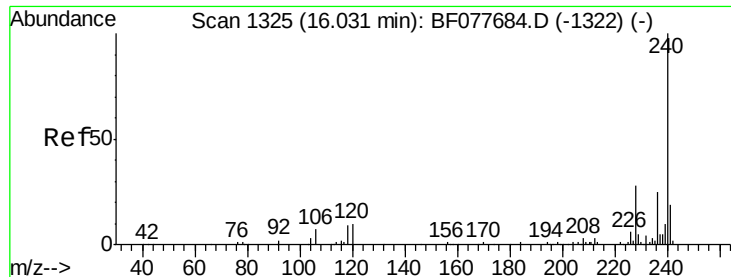


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

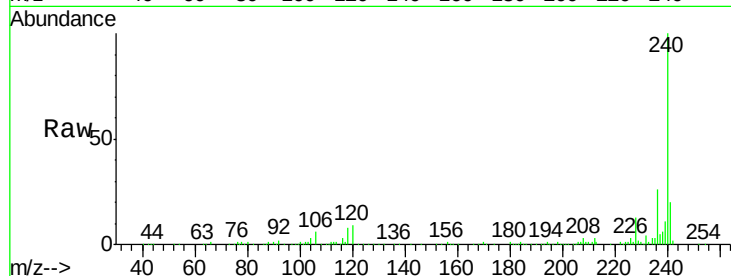
Tgt Ion:240 Resp: 312449

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

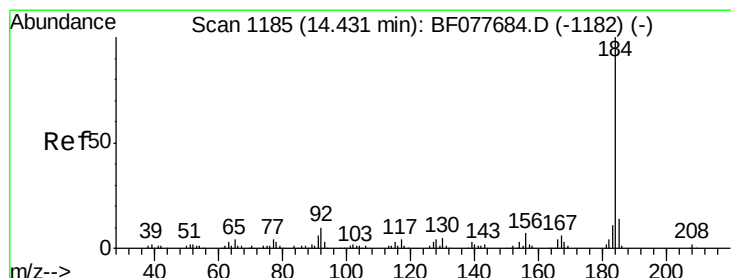
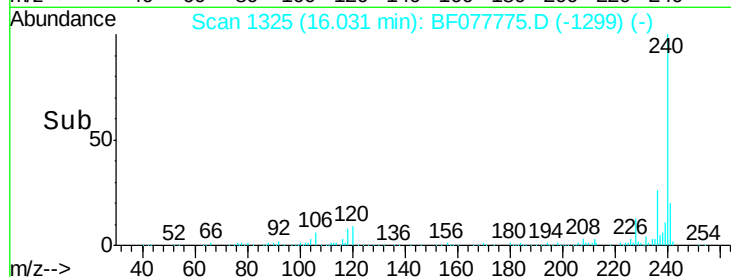
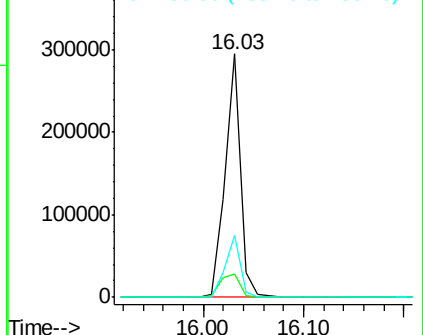
236 25.7 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.48 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

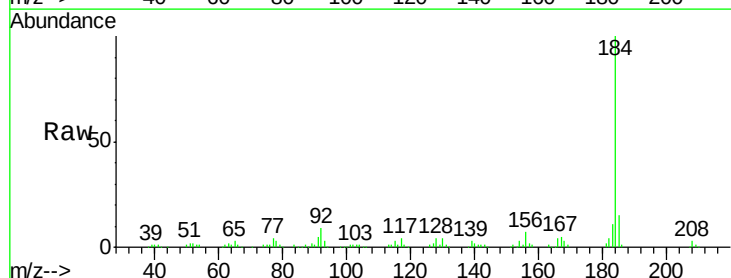
Tgt Ion:184 Resp: 183051

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

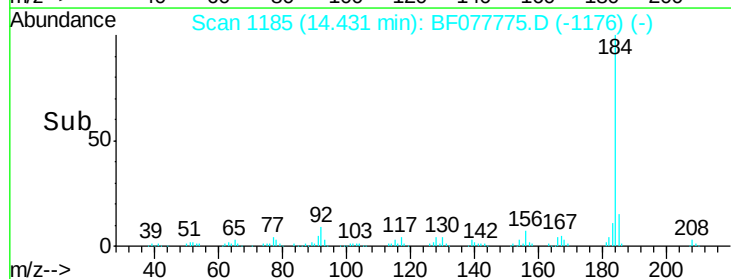
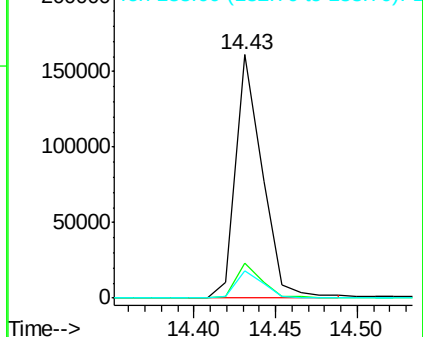
183 11.3 8.9 13.3

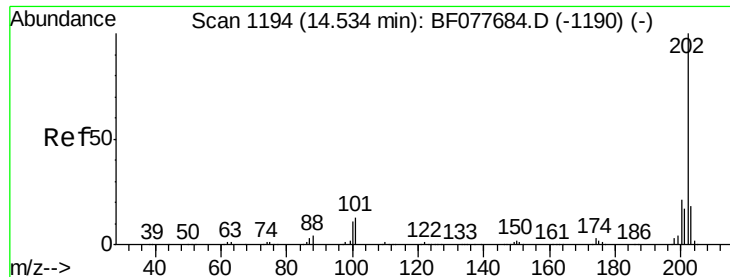


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

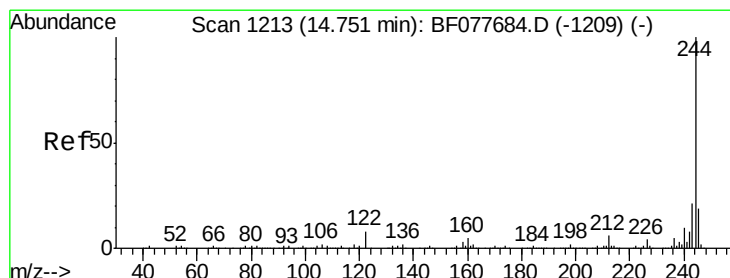
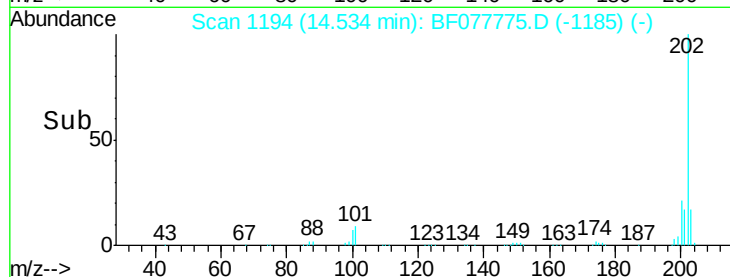
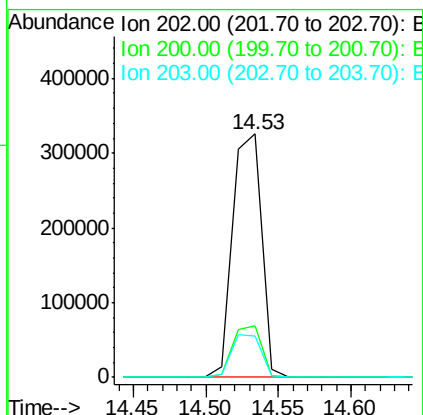
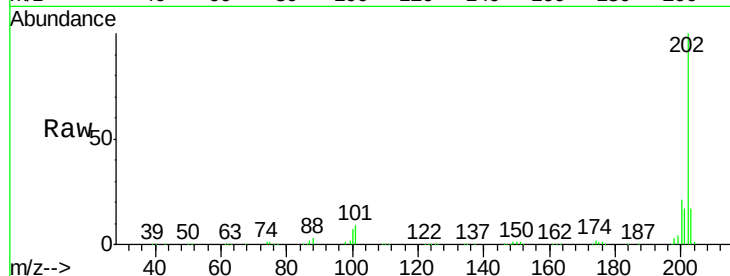




#77
Pyrene
 Concen: 23.02 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

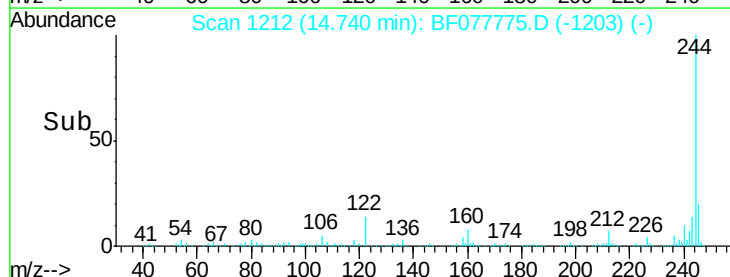
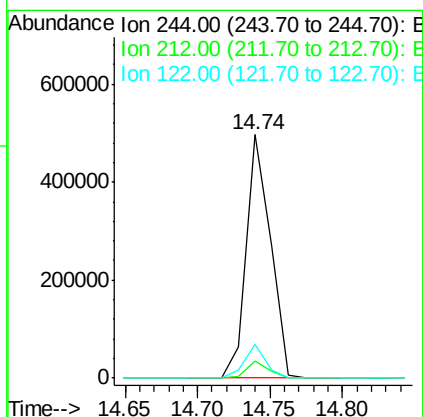
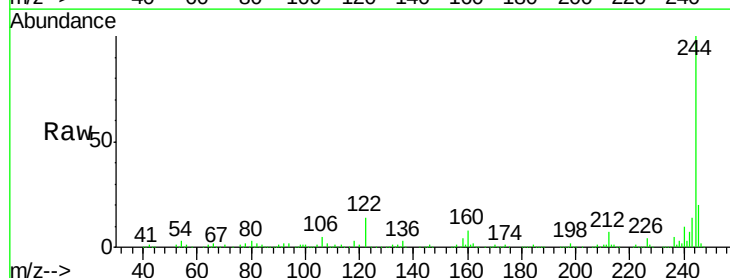
Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

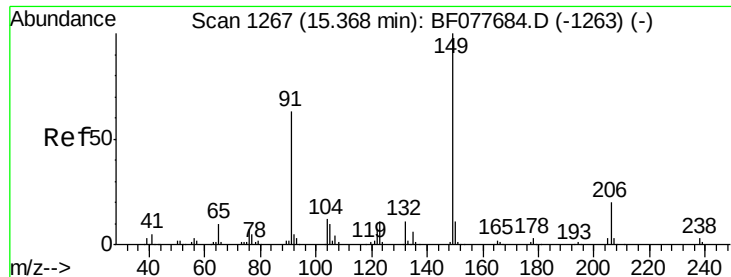
Tgt Ion: 202 Resp: 452367
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.9 25.3
 203 17.0 14.1 21.1



#78
Terphenyl-d14
 Concen: 44.86 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Tgt Ion: 244 Resp: 573860
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.9 7.3
 122 13.8 6.2 9.4#

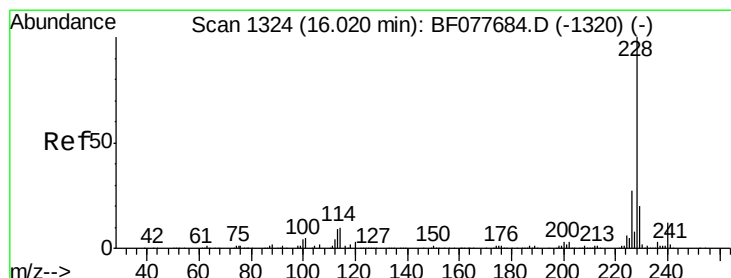
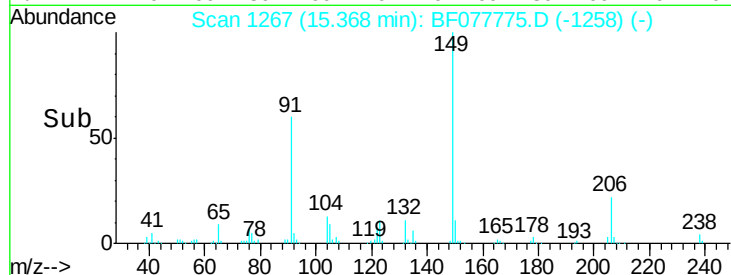
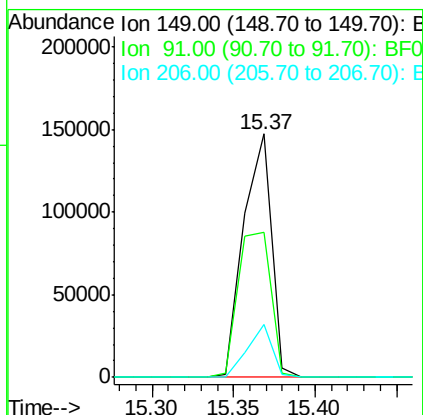
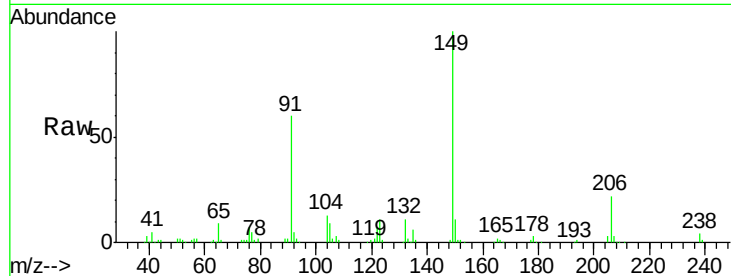




#79
Butylbenzylphthalate
Concen: 22.53 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

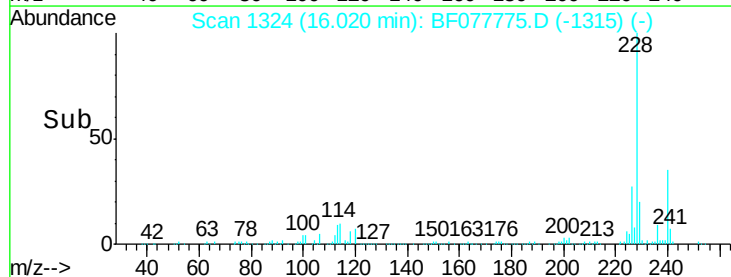
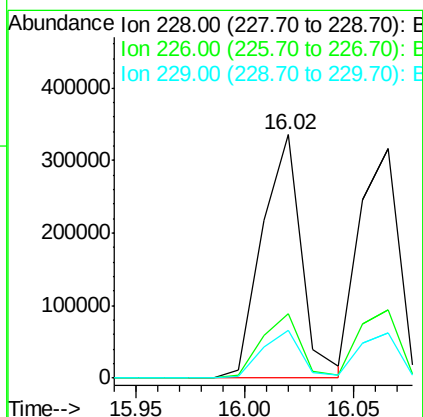
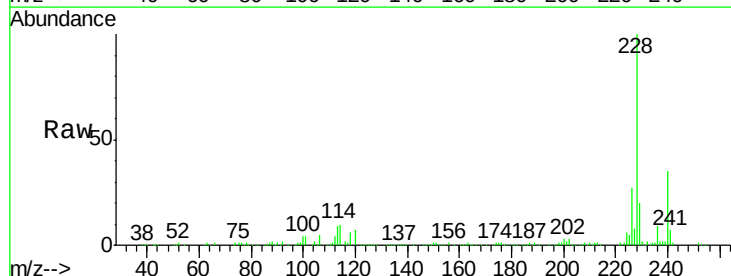
Instrument :
BNA_F
ClientSampleId :
PB82134BS

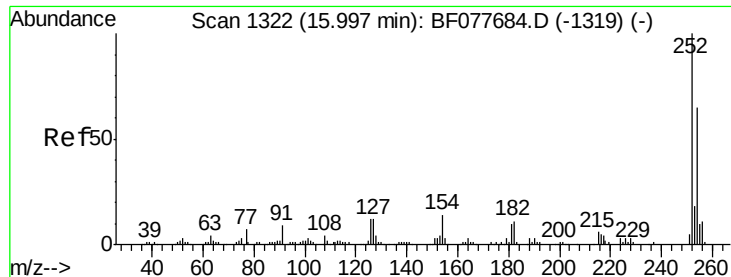
Tgt Ion:149 Resp: 174566
Ion Ratio Lower Upper
149 100
91 59.7 50.1 75.1
206 21.6 16.2 24.2



#80
Benzo(a)anthracene
Concen: 22.97 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion:228 Resp: 425355
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.5 16.0 24.0

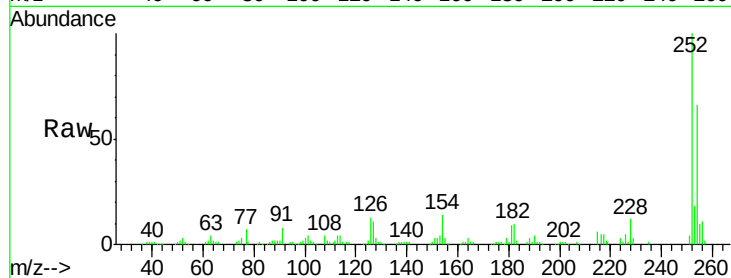




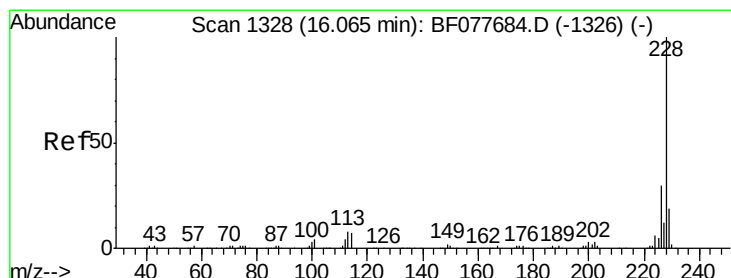
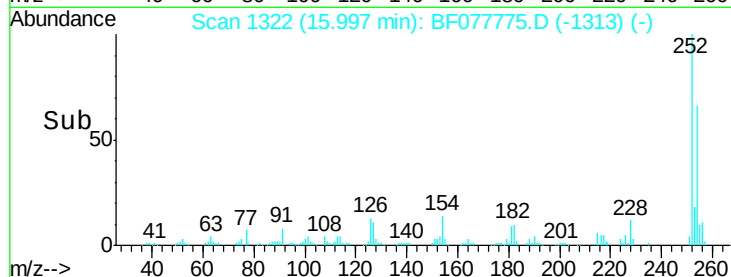
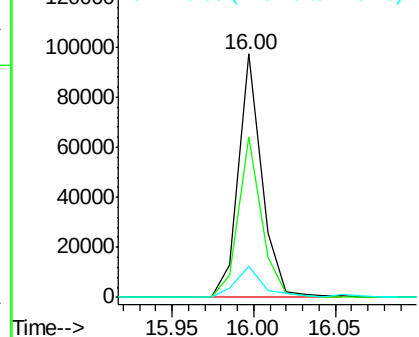
#81
 3,3'-Dichlorobenzidine
 Concen: 15.82 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

Tgt Ion: 252 Resp: 96660
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.9 77.9
 126 12.6 9.8 14.8

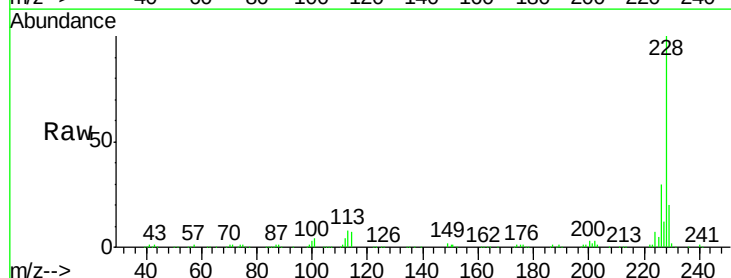


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

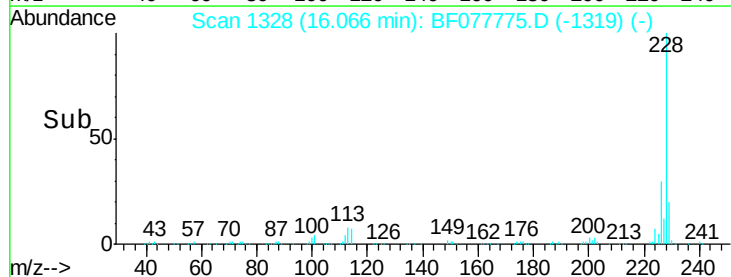
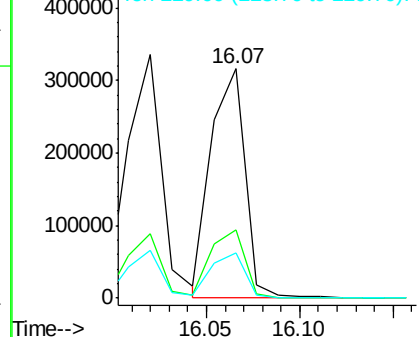


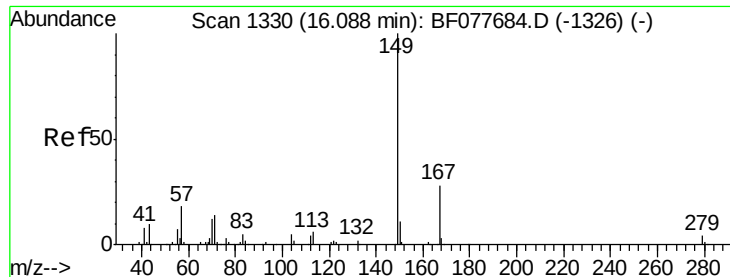
#82
 Chrysene
 Concen: 24.08 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Tgt Ion: 228 Resp: 401072
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.1 36.1
 229 19.9 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: 21.81 ng

RT: 16.09 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

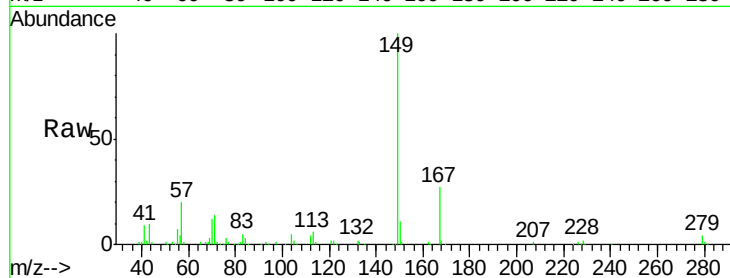
Tgt Ion:149 Resp: 255932

Ion Ratio Lower Upper

149 100

167 27.1 22.4 33.6

279 4.3 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

250000

200000

150000

100000

50000

0

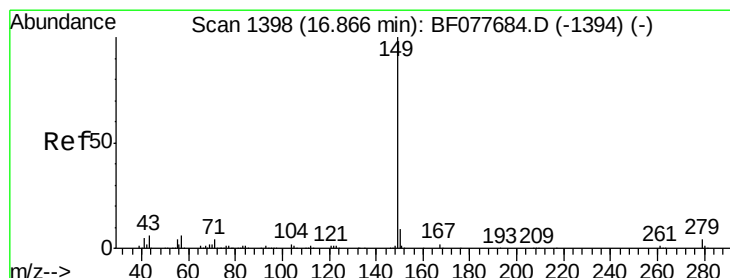
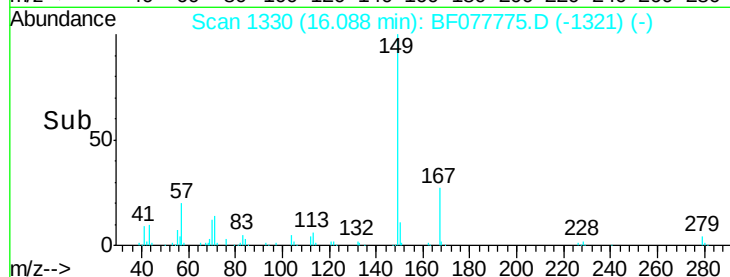
16.09

16.05

16.10

16.15

Time-->



#84

Di-n-octyl phthalate

Concen: 21.87 ng

RT: 16.87 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

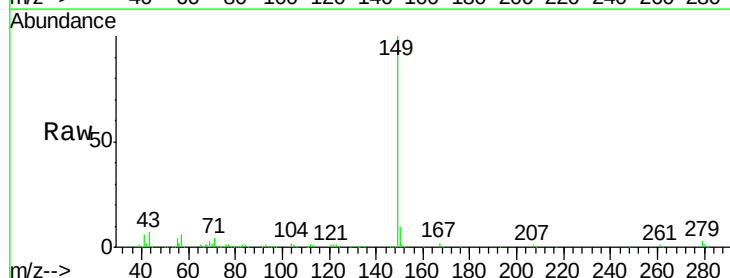
Tgt Ion:149 Resp: 438805

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.3 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

500000

400000

300000

200000

100000

0

16.87

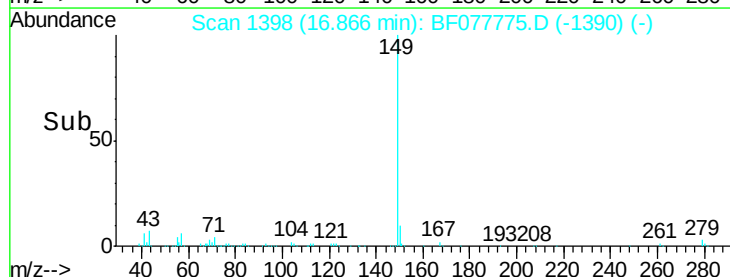
16.80

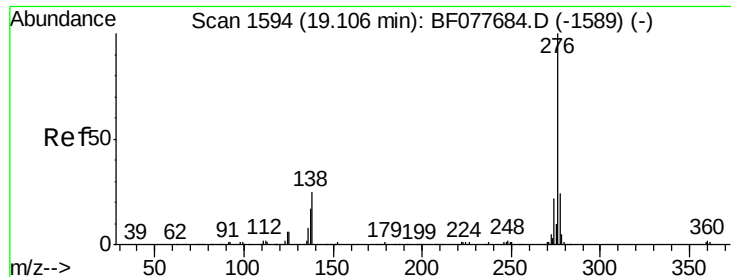
16.85

16.90

16.95

Time-->

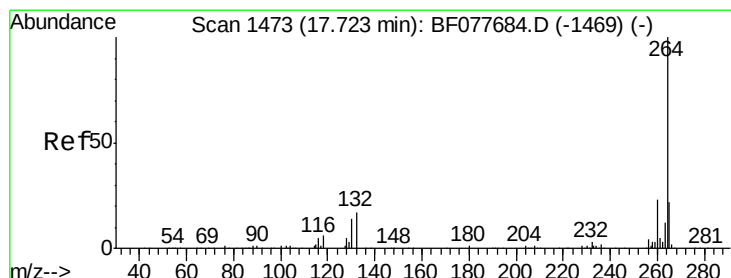
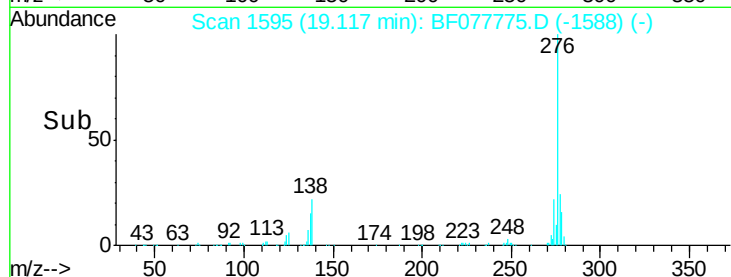
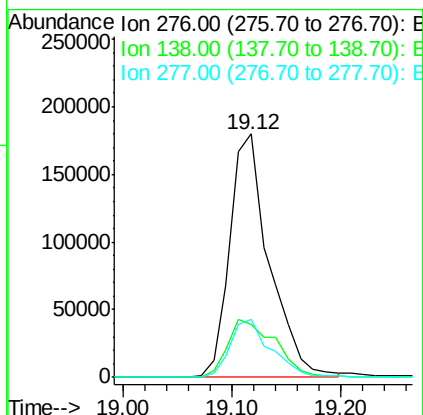
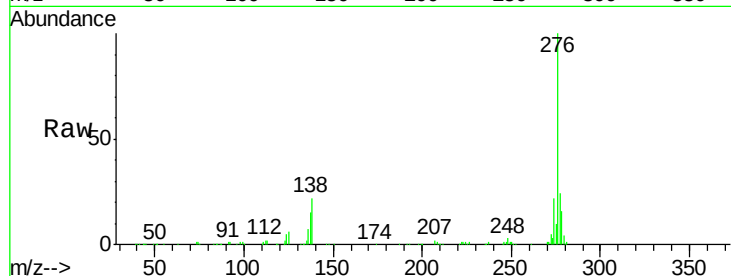




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.69 ng
 RT: 19.12 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

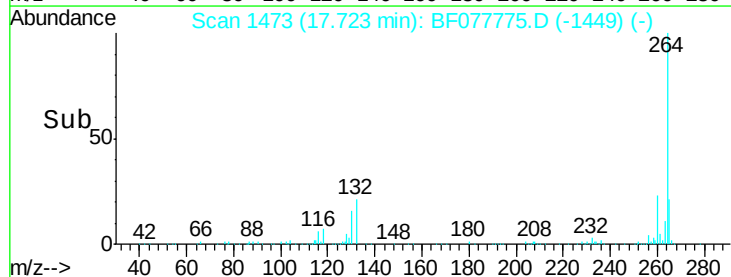
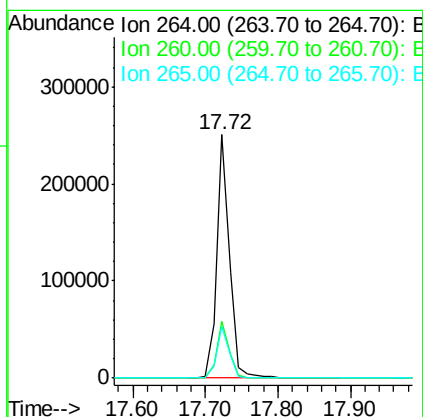
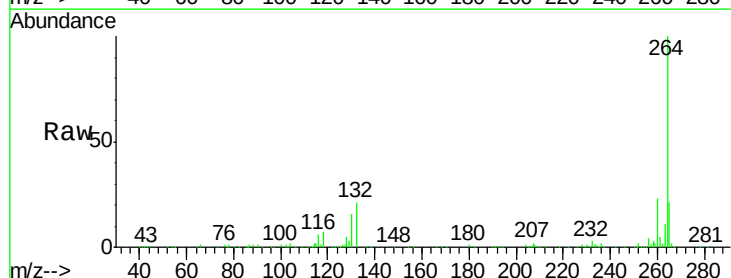
Instrument :
 BNA_F
 ClientSampleId :
 PB82134BS

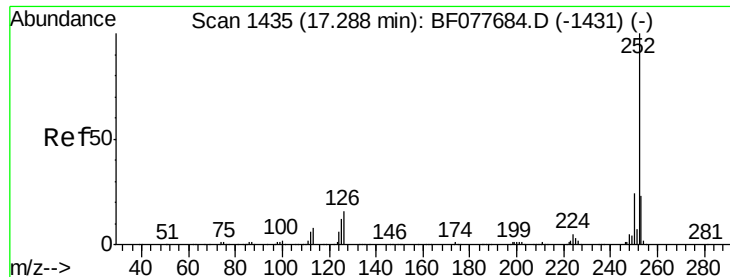
Tgt Ion: 276 Resp: 450770
 Ion Ratio Lower Upper
 276 100
 138 28.9 0.0 0.0#
 277 24.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.72 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF077775.D
 Acq: 17 Mar 2015 16:39

Tgt Ion: 264 Resp: 302689
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.4 17.3 25.9

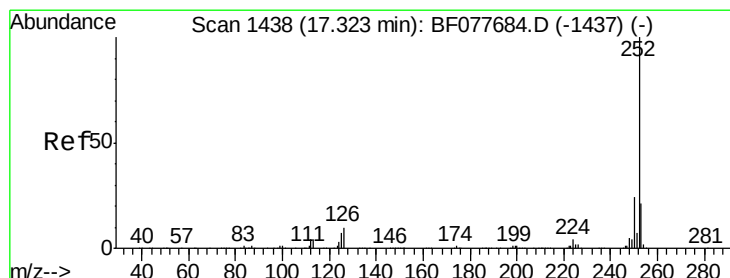
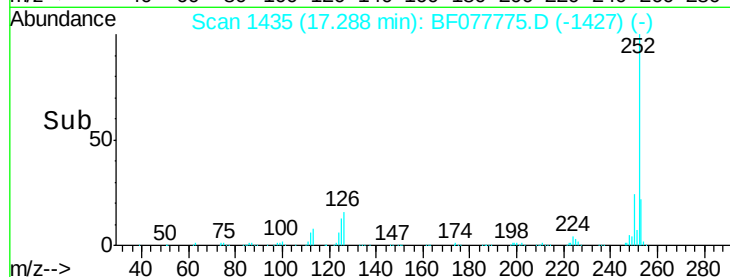
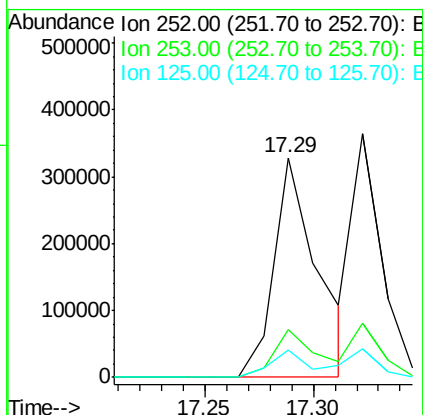
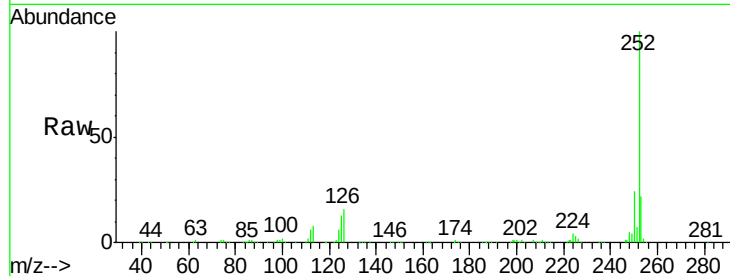




#87
Benzo(b)fluoranthene
Concen: 23.21 ng
RT: 17.29 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

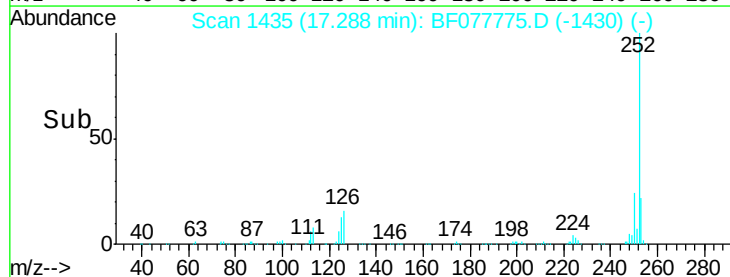
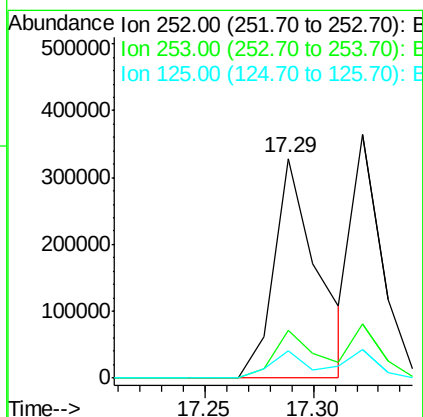
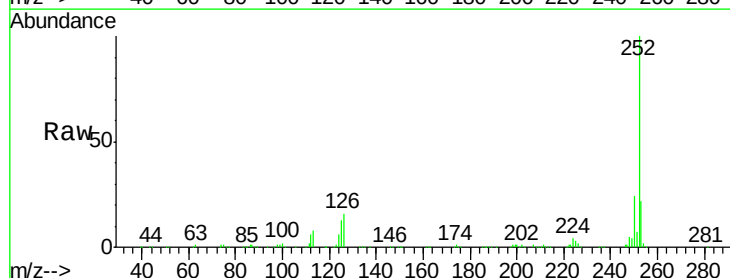
Instrument :
BNA_F
ClientSampleId :
PB82134BS

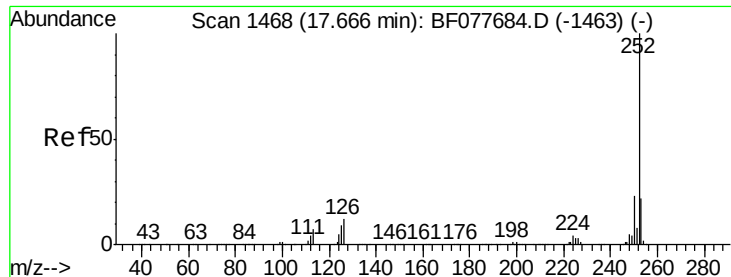
Tgt Ion:252 Resp: 458572
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 12.6 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 29.71 ng
RT: 17.29 min Scan# 1435
Delta R.T. -0.05 min
Lab File: BF077775.D
Acq: 17 Mar 2015 16:39

Tgt Ion:252 Resp: 458572
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 12.6 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 24.92 ng

RT: 17.67 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS

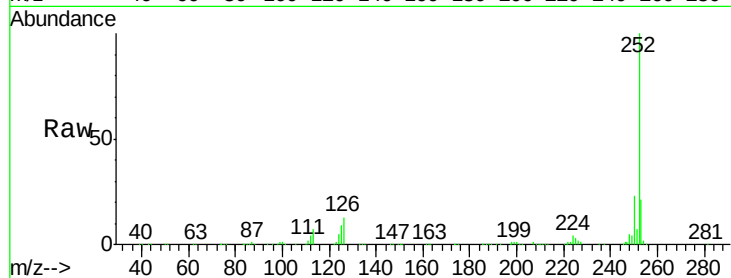
Tgt Ion:252 Resp: 410829

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

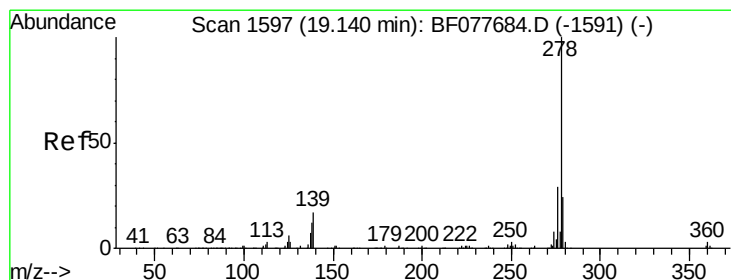
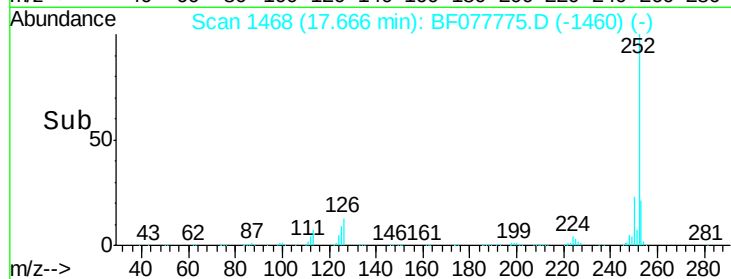
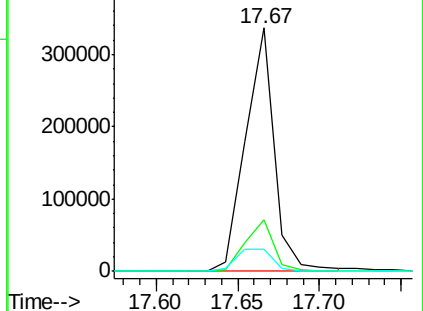
125 9.3 7.4 11.2



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: 22.74 ng

RT: 19.14 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BF077775.D

Acq: 17 Mar 2015 16:39

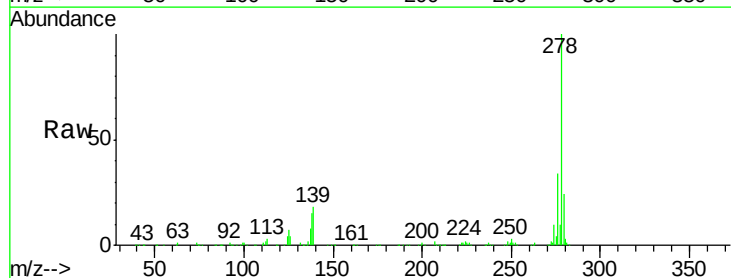
Tgt Ion:278 Resp: 371906

Ion Ratio Lower Upper

278 100

139 17.9 13.4 20.0

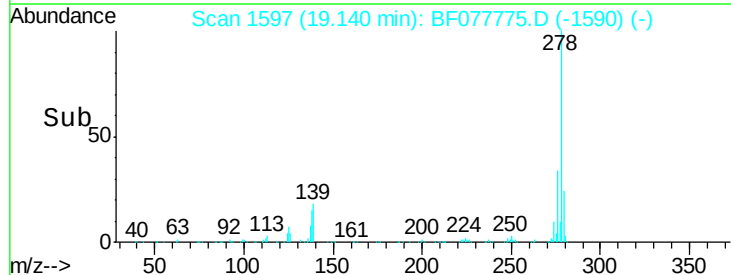
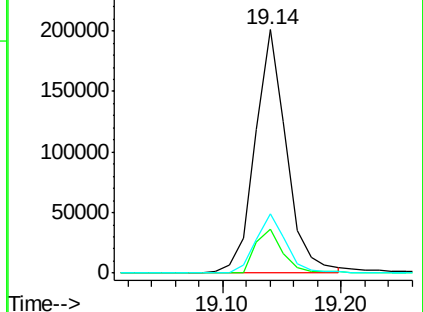
279 24.2 19.0 28.4

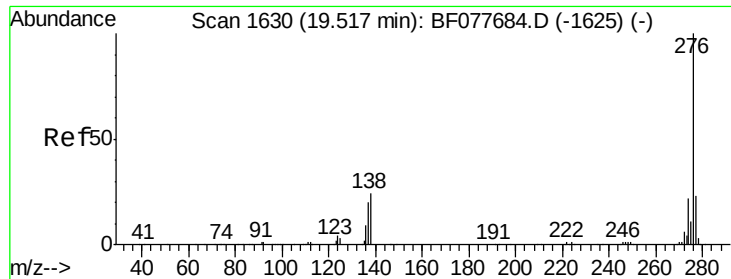


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 22.74 ng

RT: 19.52 min Scan# 1630

Delta R.T. -0.03 min

Lab File: BF077775.D

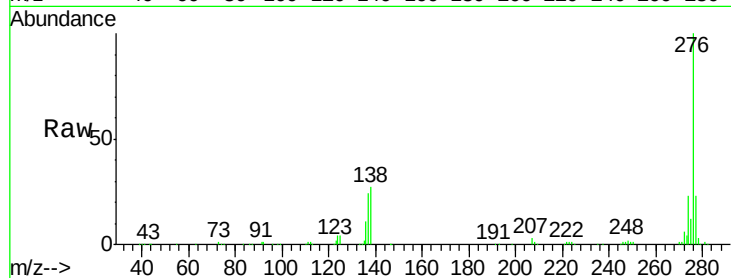
Acq: 17 Mar 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB82134BS



Tgt Ion:	276	Resp:	378505
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.5	27.7
138	27.4	19.0	28.6

