

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077564.D
 Acq On : 4 Mar 2015 00:59
 Operator : TP/IZ
 Sample : PB81951BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB81951BS

Quant Time: Mar 04 02:17:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	90210	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	366254	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	162151	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	350498	20.00	ng	0.00
75) Chrysene-d12	16.12	240	352042	20.00	ng	-0.03
86) Perylene-d12	17.81	264	335407	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	439865	81.40	ng	0.00
7) Phenol-d6	6.80	99	549494	79.09	ng	0.00
23) Nitrobenzene-d5	7.93	82	324034	55.02	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	133944	85.79	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	593557	57.08	ng	0.00
78) Terphenyl-d14	14.83	244	787705	52.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	52147	22.74	ng	95
3) Pyridine	2.93	79	160645	24.49	ng	95
4) n-Nitrosodimethylamine	2.83	42	73719	25.85	ng	90
6) Aniline	6.82	93	132351	13.78	ng	# 24
8) 2-Chlorophenol	6.97	128	166273	26.08	ng	92
9) Benzaldehyde	6.68	77	29251	6.93	ng	97
10) Phenol	6.82	94	200072	24.27	ng	# 72
11) bis(2-Chloroethyl)ether	6.93	93	138913	23.45	ng	87
12) 1,3-Dichlorobenzene	7.16	146	175160	25.23	ng	# 91
13) 1,4-Dichlorobenzene	7.26	146	176958	25.06	ng	95
14) 1,2-Dichlorobenzene	7.44	146	166269	24.75	ng	96
15) Benzyl Alcohol	7.42	79	124823	23.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.60	45	195917	23.14	ng	98
17) 2-Methylphenol	7.56	107	128928	25.88	ng	98
18) Hexachloroethane	7.86	117	61437	26.05	ng	92
19) n-Nitroso-di-n-propylamine	7.75	70	110518	25.05	ng	92
20) 3+4-Methylphenols	7.76	107	168054	25.61	ng	# 75
22) Acetophenone	7.74	105	226787	26.32	ng	# 87
24) Nitrobenzene	7.95	77	167420	27.02	ng	88
25) Isophorone	8.25	82	299892	25.66	ng	# 93
26) 2-Nitrophenol	8.35	139	77636	30.57	ng	# 85
27) 2,4-Dimethylphenol	8.41	122	151811	26.72	ng	97
28) bis(2-Chloroethoxy)methane	8.53	93	197374	26.74	ng	99
29) 2,4-Dichlorophenol	8.64	162	142504	26.72	ng	98
30) 1,2,4-Trichlorobenzene	8.75	180	149434	25.48	ng	97
31) Naphthalene	8.84	128	489402	26.72	ng	98
32) Benzoic acid	8.51	122	77395	28.03	ng	99
33) 4-Chloroaniline	8.91	127	110925	13.62	ng	# 90
34) Hexachlorobutadiene	9.00	225	79601	23.78	ng	98
35) Caprolactam	9.34	113	43717	26.85	ng	# 77
36) 4-Chloro-3-methylphenol	9.52	107	139815	26.07	ng	89
37) 2-Methylnaphthalene	9.70	142	328932	25.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	140989	30.30	ng	98
40) Hexachlorocyclopentadiene	9.89	237	147881	59.28	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077564.D
 Acq On : 4 Mar 2015 00:59
 Operator : TP/IZ
 Sample : PB81951BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB81951BS

Quant Time: Mar 04 02:17:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

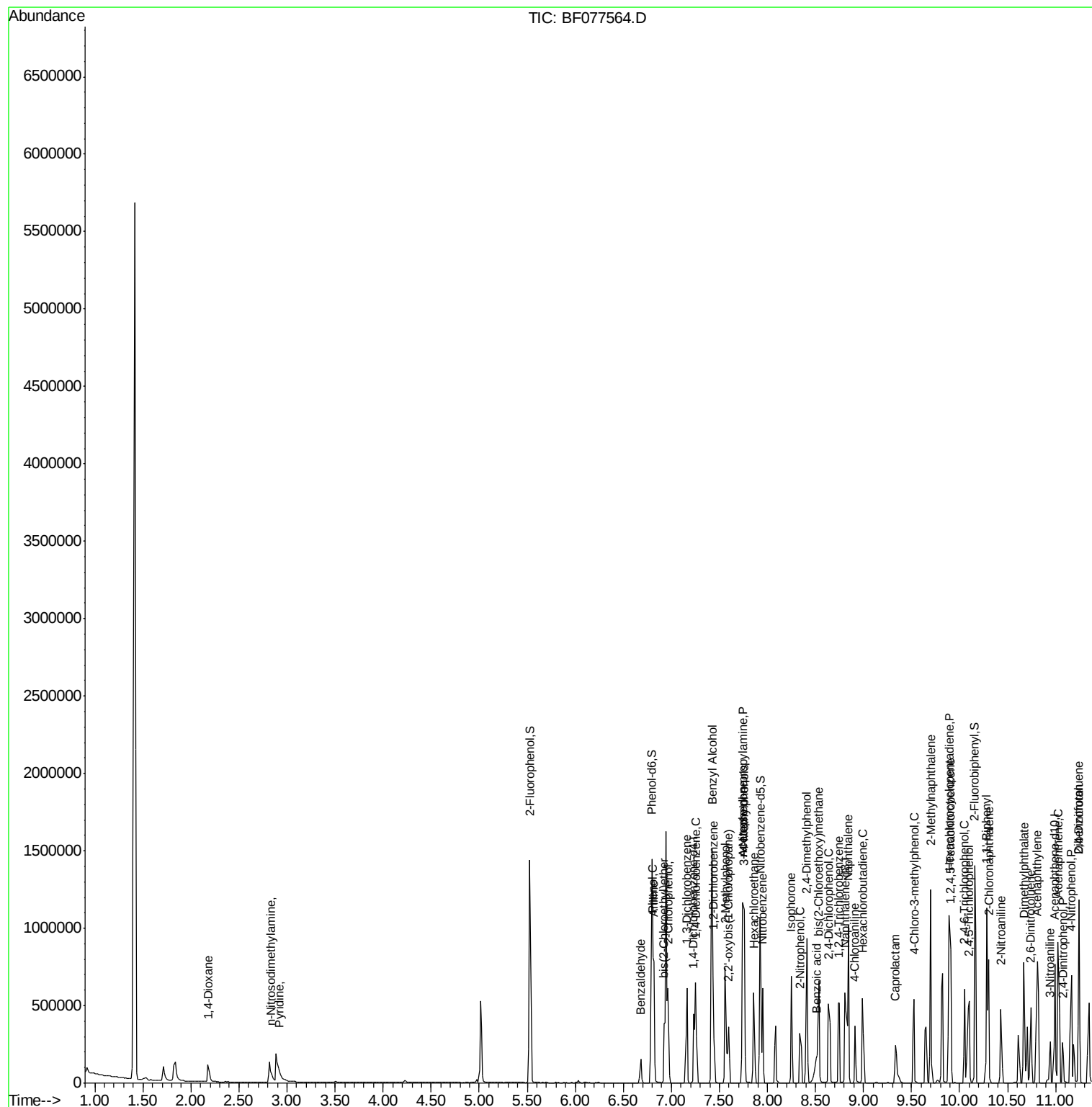
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.05	196	89212	28.95	ng	98
43) 2,4,5-Trichlorophenol	10.10	196	95175	28.89	ng	97
45) 1,1'-Biphenyl	10.28	154	341135	27.77	ng	98
46) 2-Chloronaphthalene	10.30	162	273280	28.36	ng	95
47) 2-Nitroaniline	10.43	65	74543	31.43	ng	92
48) Acenaphthylene	10.81	152	435996	28.59	ng	99
49) Dimethylphthalate	10.67	163	312909	27.45	ng	98
50) 2,6-Dinitrotoluene	10.74	165	67249	29.42	ng	# 59
51) Acenaphthene	11.03	154	242717	26.67	ng	100
52) 3-Nitroaniline	10.94	138	54542	20.70	ng	85
53) 2,4-Dinitrophenol	11.08	184	45692	65.69	ng	98
54) Dibenzofuran	11.24	168	389161	27.69	ng	99
55) 4-Nitrophenol	11.16	139	131280	61.93	ng	82
56) 2,4-Dinitrotoluene	11.24	165	93848	30.38	ng	# 93
57) Fluorene	11.67	166	311730	27.75	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.40	232	75112	28.36	ng	99
59) Diethylphthalate	11.55	149	298826	26.59	ng	98
60) 4-Chlorophenyl-phenylether	11.68	204	140998	26.05	ng	91
61) 4-Nitroaniline	11.70	138	78707	31.16	ng	89
62) Azobenzene	11.87	77	289616	27.17	ng	96
64) 4,6-Dinitro-2-methylphenol	11.74	198	31767	24.67	ng	# 40
65) n-Nitrosodiphenylamine	11.83	169	277102	23.83	ng	99
66) 4-Bromophenyl-phenylether	12.29	248	91001	22.17	ng	93
67) Hexachlorobenzene	12.34	284	98788	22.42	ng	95
68) Atrazine	12.50	200	88659	23.45	ng	95
69) Pentachlorophenol	12.59	266	117167	50.60	ng	99
70) Phenanthrene	12.86	178	525575	25.87	ng	99
71) Anthracene	12.92	178	509857	25.29	ng	99
72) Carbazole	13.13	167	506758	26.44	ng	99
73) Di-n-butylphthalate	13.58	149	496060	22.04	ng	98
74) Fluoranthene	14.34	202	585587	26.39	ng	98
76) Benzidine	14.52	184	242925	20.42	ng	98
77) Pyrene	14.62	202	599406	27.83	ng	99
79) Butylbenzylphthalate	15.45	149	237752	26.84	ng	96
80) Benzo(a)anthracene	16.10	228	534624	25.91	ng	100
81) 3,3'-Dichlorobenzidine	16.08	252	119258	15.77	ng	99
82) Chrysene	16.15	228	483664	24.96	ng	99
83) Bis(2-ethylhexyl)phthalate	16.16	149	274143	19.30	ng	98
84) Di-n-octyl phthalate	16.94	149	446128	18.81	ng	97
87) Benzo(b)fluoranthene	17.37	252	556695	28.54	ng	99
88) Benzo(k)fluoranthene	17.37	252	556695	29.12	ng	# 93
89) Benzo(a)pyrene	17.74	252	506236	27.25	ng	98
90) Dibenzo(a,h)anthracene	19.27	278	457873	25.85	ng	99
91) Benzo(g,h,i)perylene	19.66	276	511186	28.59	ng	98

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

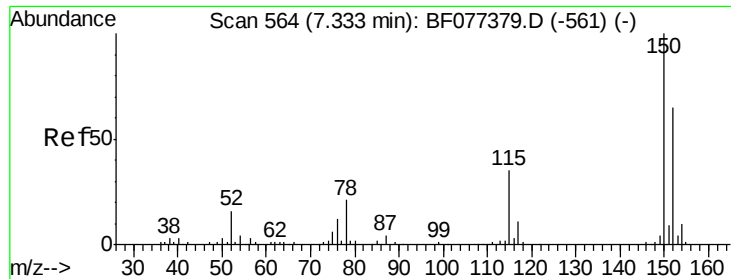
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077564.D
Acq On : 4 Mar 2015 00:59
Operator : TP/IZ
Sample : PB81951BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
Client Sample ID :
PB81951BS

Quant Time: Mar 04 02:17:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 03 23:57:38 2015
Response via : Initial Calibration



```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\  
Data File : BF077564.D  
Acq On    : 4 Mar 2015 00:59  
Operator  : TP/IZ  
Sample    : PB81951BS  
Misc      :  
ALS Vial  : 21 Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

Instrument :

BNA_F

ClientSampleId :

PB81951BS

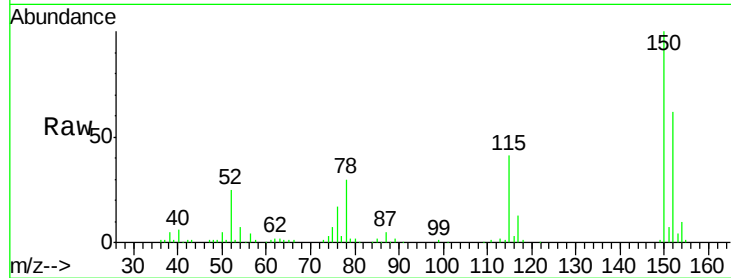
Tgt Ion:152 Resp: 90210

Ion Ratio Lower Upper

152 100

150 162.1 124.0 186.0

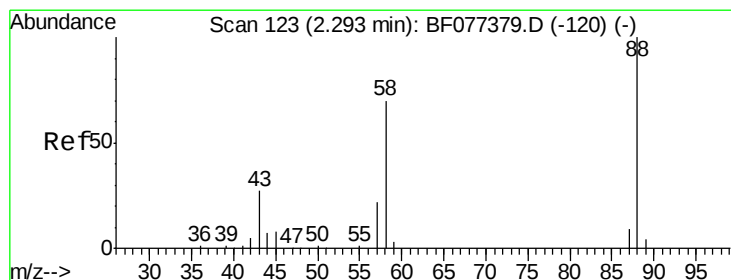
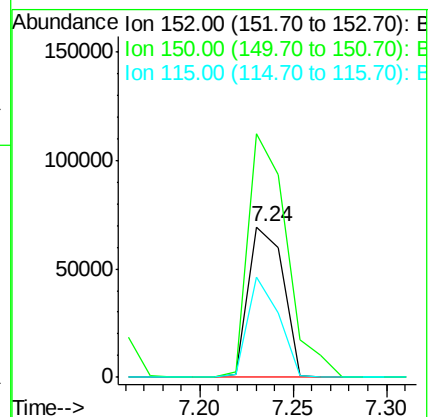
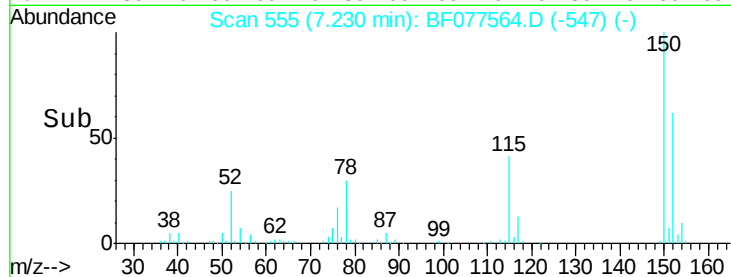
115 66.8 49.4 74.2



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: 22.74 ng

RT: 2.19 min Scan# 114

Delta R.T. 0.03 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

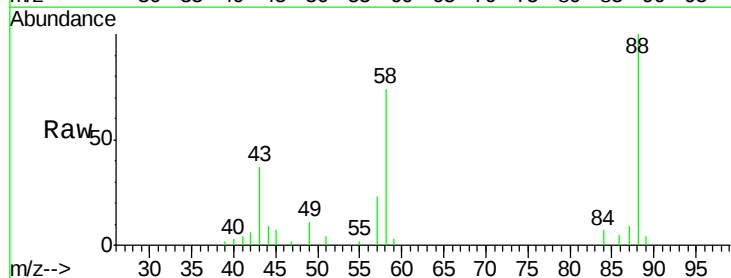
Tgt Ion: 88 Resp: 52147

Ion Ratio Lower Upper

88 100

58 71.4 62.1 93.1

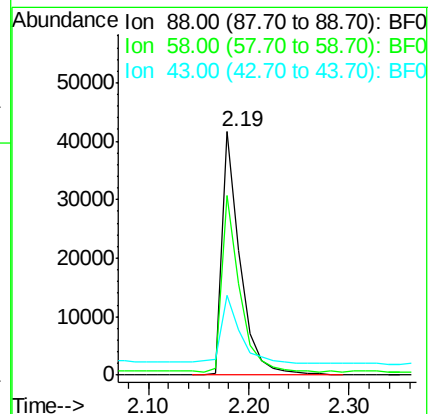
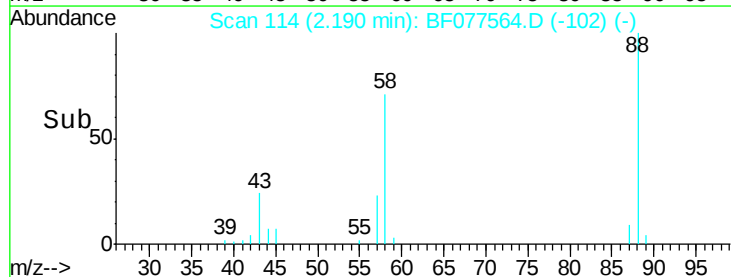
43 30.2 24.0 36.0

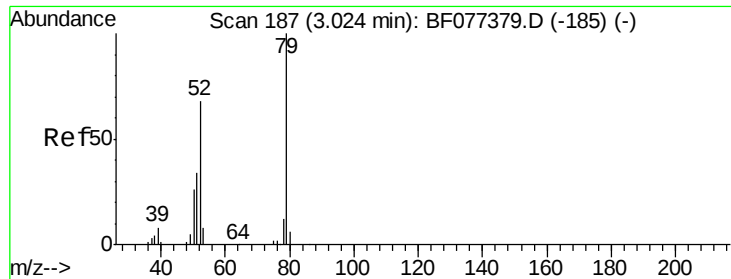


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.49 ng

RT: 2.93 min Scan# 178

Delta R.T. 0.04 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

Instrument :

BNA_F

ClientSampleId :

PB81951BS

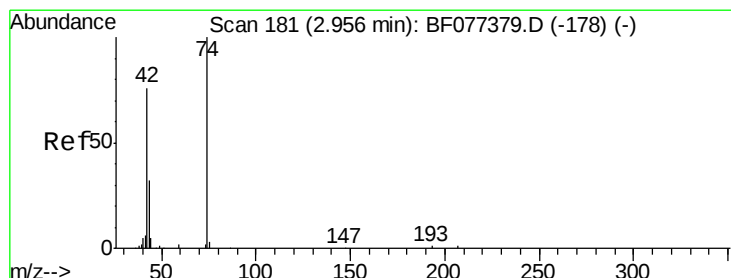
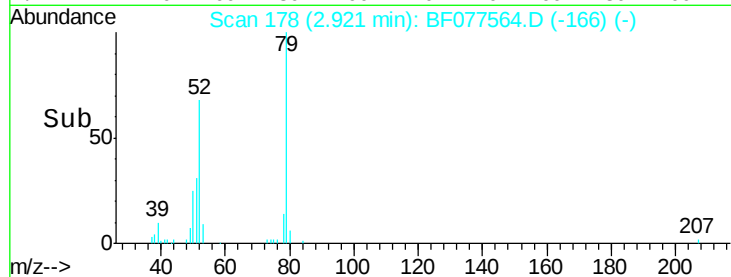
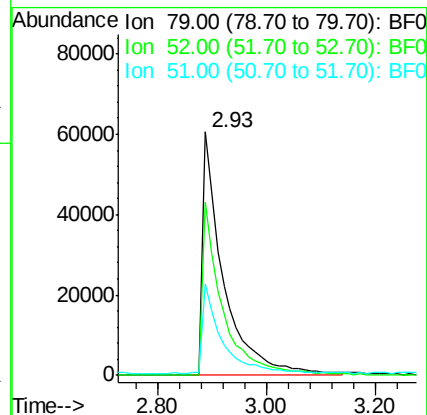
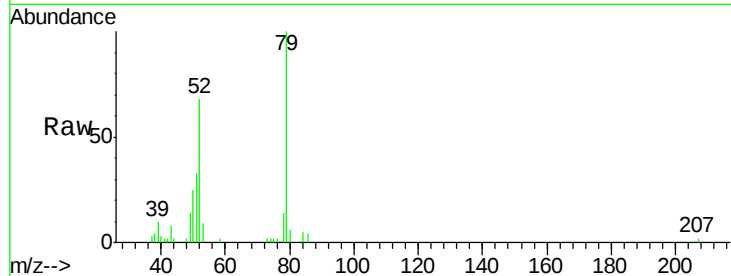
Tgt Ion: 79 Resp: 160645

Ion Ratio Lower Upper

79 100

52 68.0 57.7 86.5

51 33.2 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 25.85 ng

RT: 2.83 min Scan# 170

Delta R.T. 0.03 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

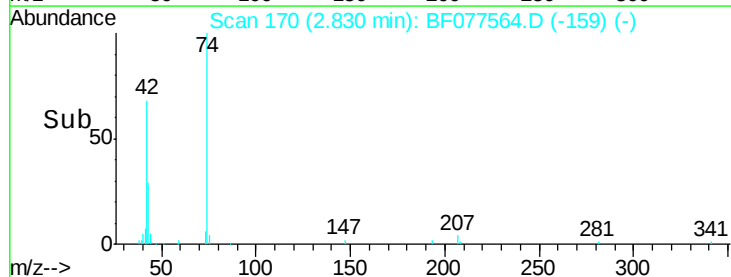
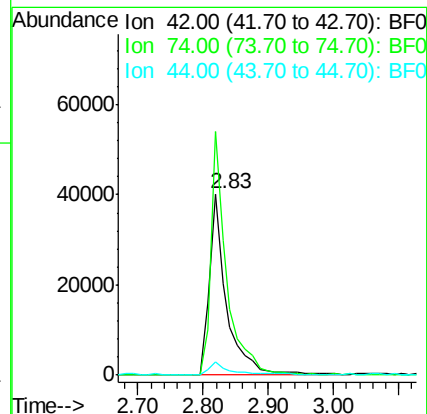
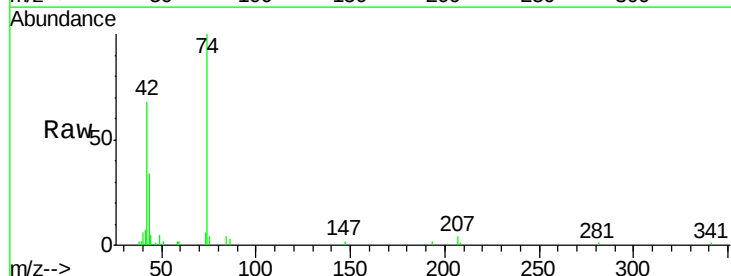
Tgt Ion: 42 Resp: 73719

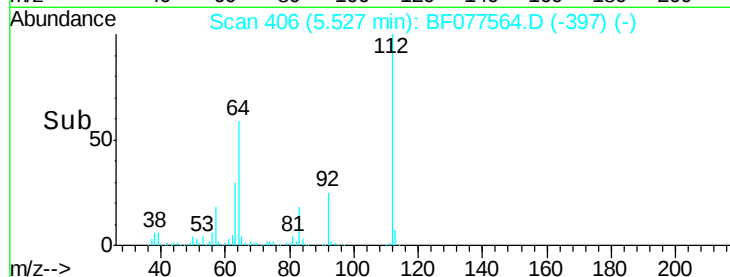
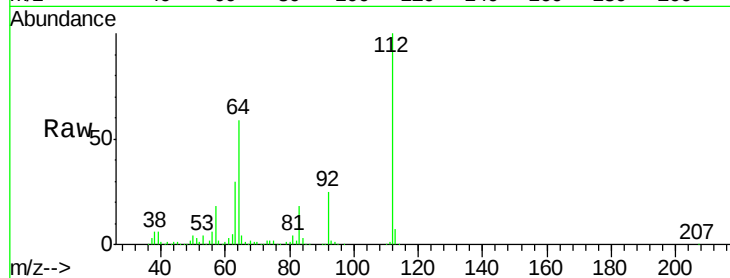
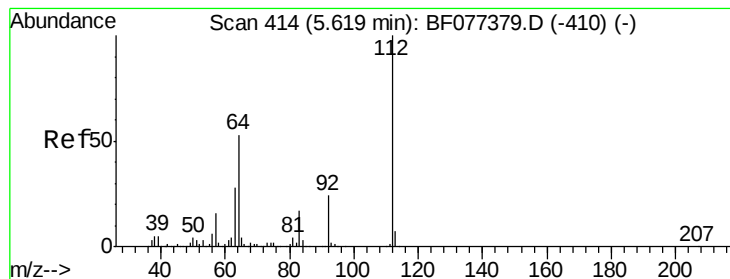
Ion Ratio Lower Upper

42 100

74 146.8 107.1 160.7

44 7.8 6.7 10.1





#5

2-Fluorophenol

Concen: 81.40 ng

RT: 5.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

Instrument :

BNA_F

ClientSampleId :

PB81951BS

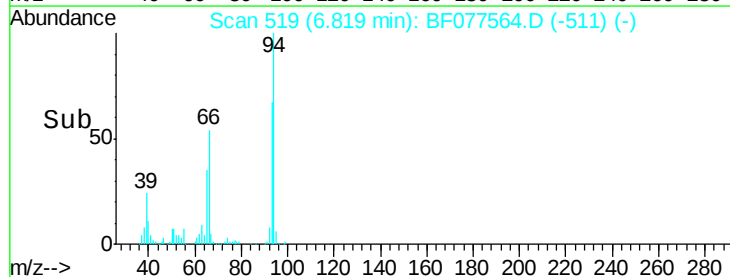
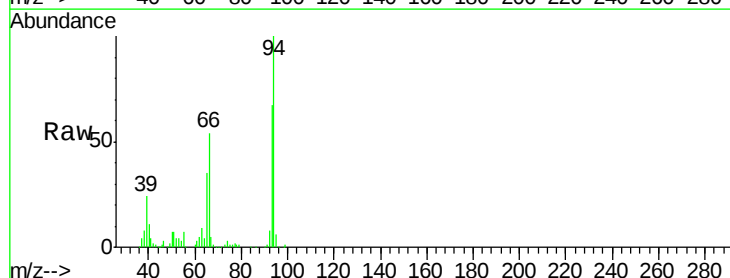
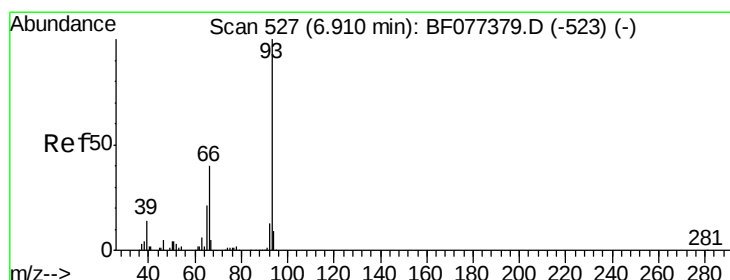
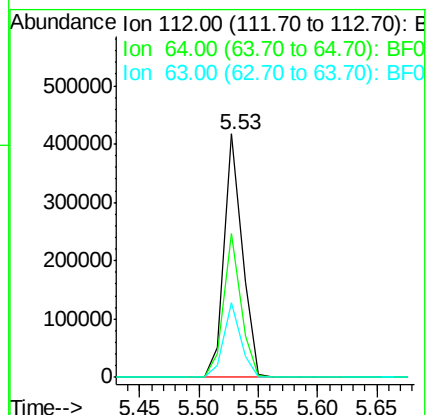
Tgt Ion: 112 Resp: 439865

Ion Ratio Lower Upper

112 100

64 59.0 48.5 72.7

63 30.5 25.0 37.4



#6

Aniline

Concen: 13.78 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

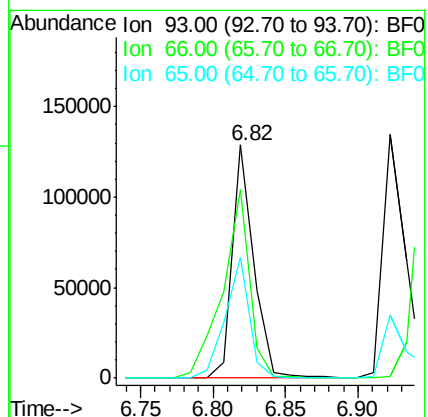
Tgt Ion: 93 Resp: 132351

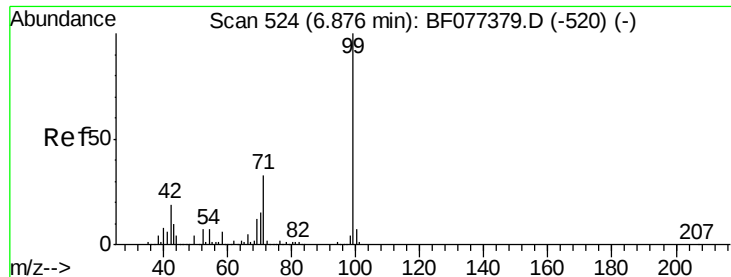
Ion Ratio Lower Upper

93 100

66 81.2 29.1 43.7#

65 51.9 14.6 22.0#





#7

Phenol-d6

Concen: 79.09 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

Instrument :

BNA_F

ClientSampleId :

PB81951BS

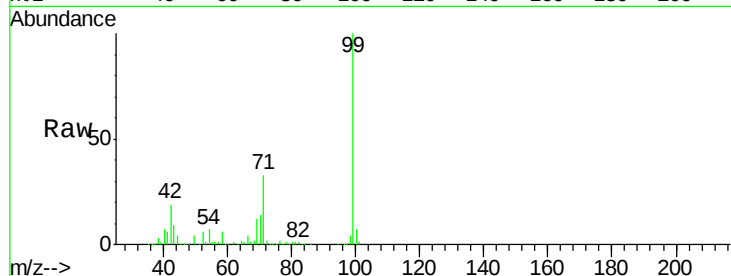
Tgt Ion: 99 Resp: 549494

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.4

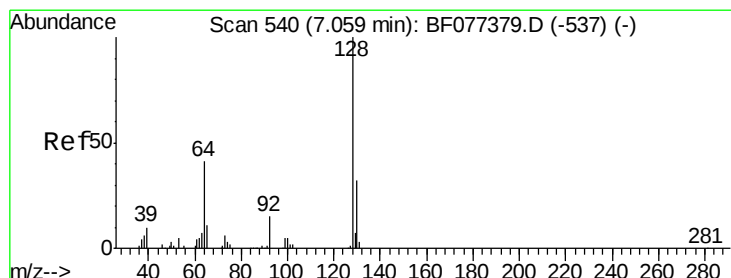
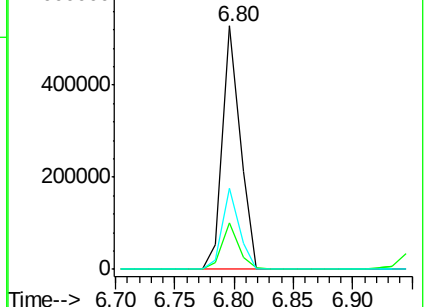
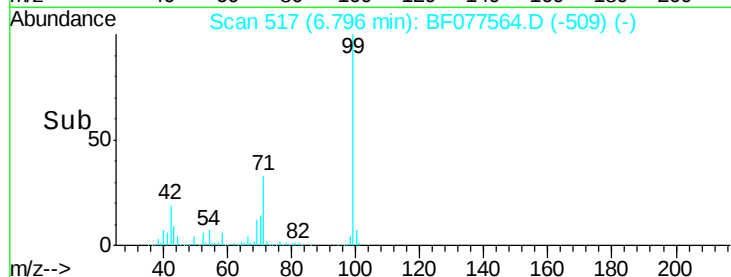
71 33.3 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF077379.D (-520) (-)

Ion 42.00 (41.70 to 42.70): BF077379.D (-520) (-)

Ion 71.00 (70.70 to 71.70): BF077379.D (-520) (-)



#8

2-Chlorophenol

Concen: 26.08 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

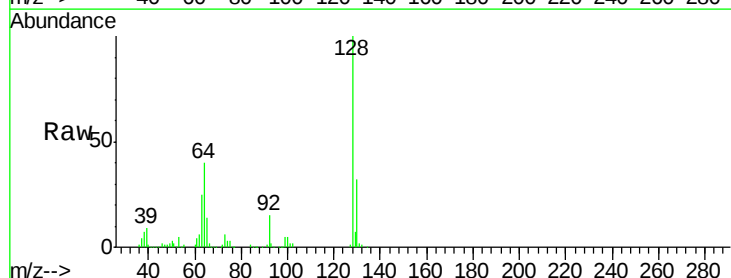
Tgt Ion: 128 Resp: 166273

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

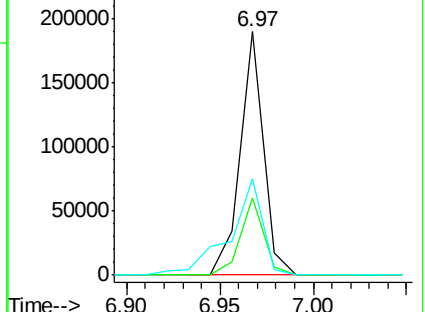
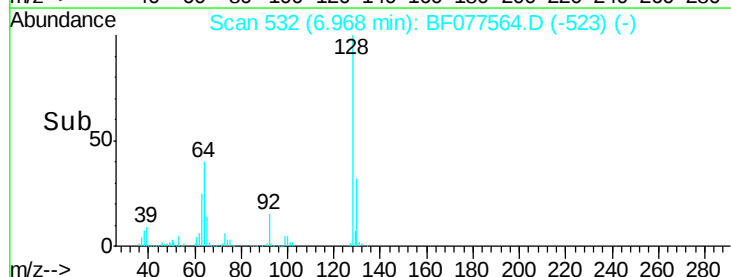
64 39.8 29.2 69.2

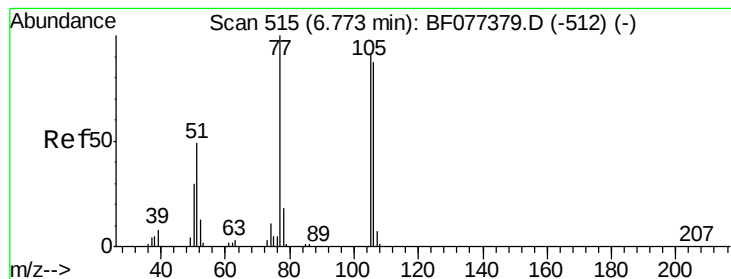


Abundance Ion 128.00 (127.70 to 128.70): BF077379.D (-537) (-)

Ion 130.00 (129.70 to 130.70): BF077379.D (-537) (-)

Ion 64.00 (63.70 to 64.70): BF077379.D (-537) (-)





#9

Benzaldehyde

Concen: 6.93 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

Instrument :

BNA_F

ClientSampleId :

PB81951BS

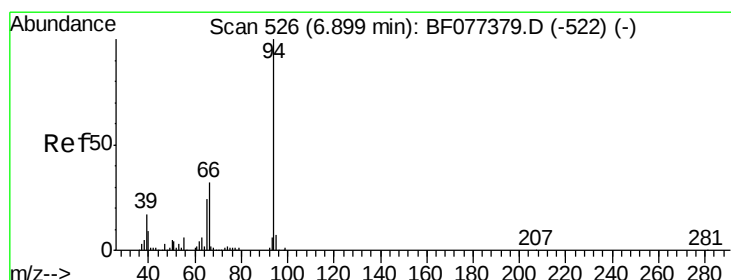
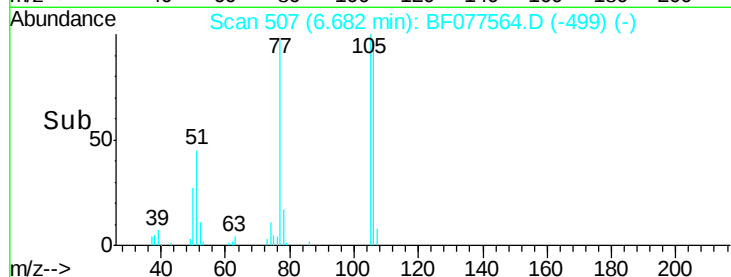
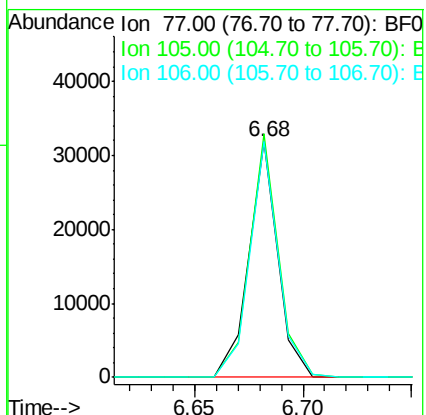
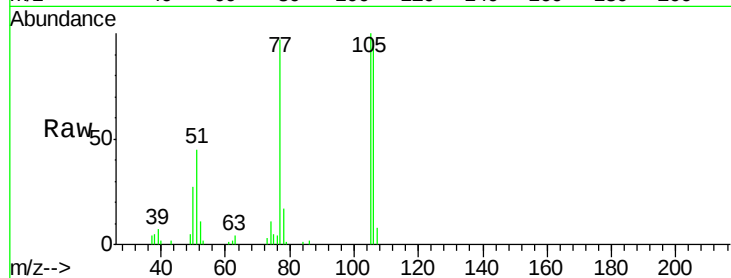
Tgt Ion: 77 Resp: 29251

Ion Ratio Lower Upper

77 100

105 103.3 85.9 125.9

106 99.8 82.9 122.9



#10

Phenol

Concen: 24.27 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

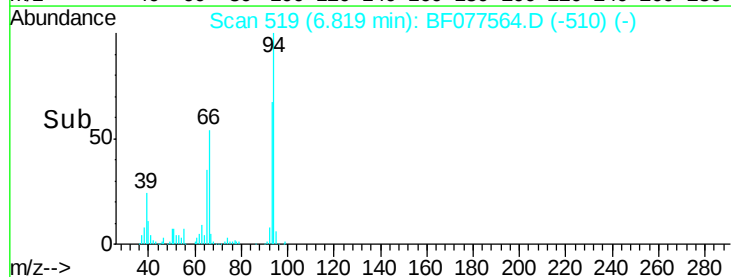
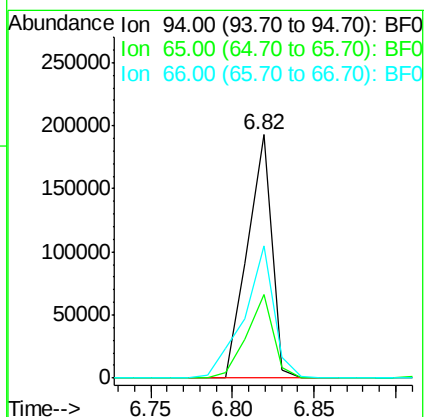
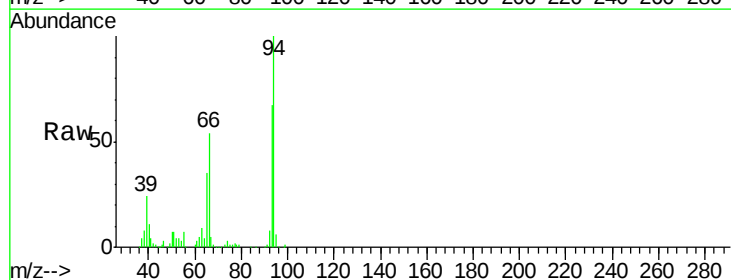
Tgt Ion: 94 Resp: 200072

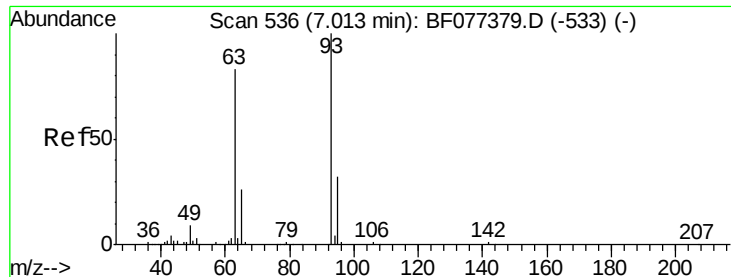
Ion Ratio Lower Upper

94 100

65 34.6 5.7 45.7

66 54.2 13.6 53.6#





#11

bis(2-Chloroethyl)ether

Concen: 23.45 ng

RT: 6.93 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

Instrument :

BNA_F

ClientSampleId :

PB81951BS

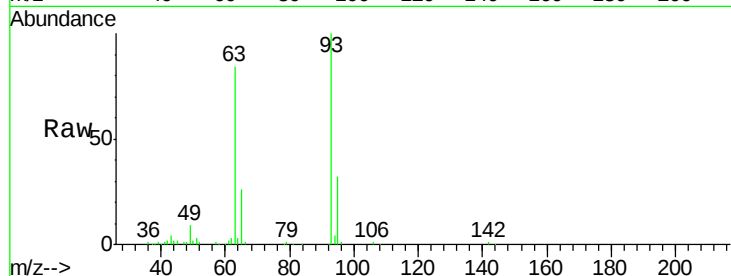
Tgt Ion: 93 Resp: 138913

Ion Ratio Lower Upper

93 100

63 83.9 48.7 88.7

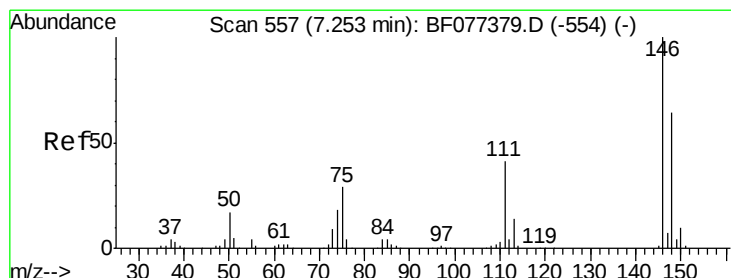
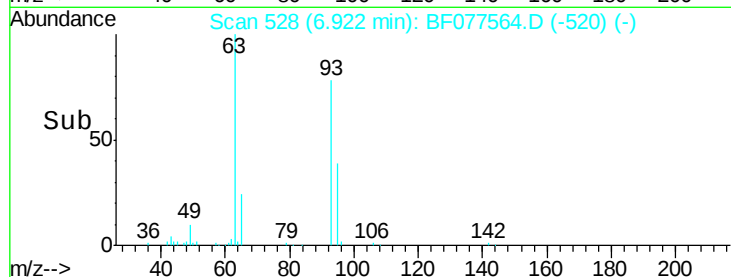
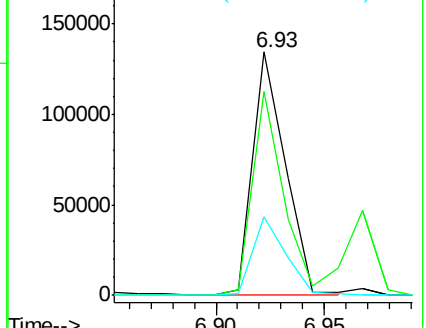
95 32.3 13.6 53.6



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: 25.23 ng

RT: 7.16 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

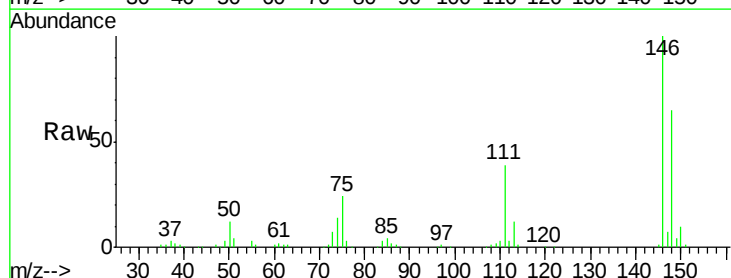
Tgt Ion: 146 Resp: 175160

Ion Ratio Lower Upper

146 100

148 64.8 49.8 74.8

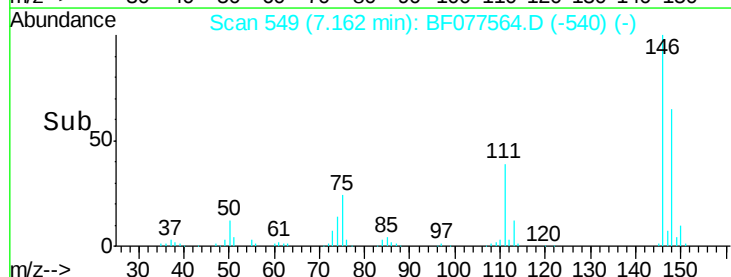
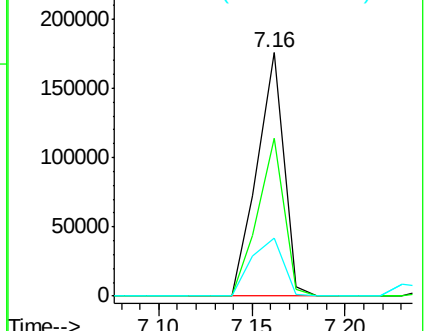
75 23.7 28.2 42.4#

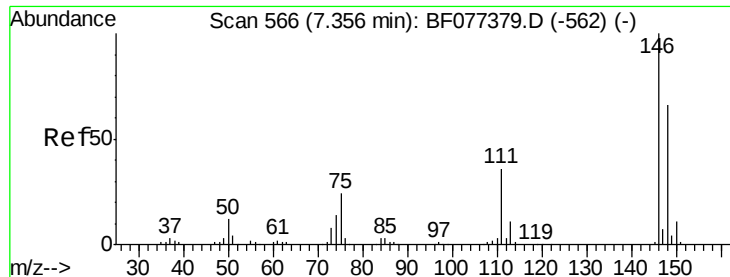


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

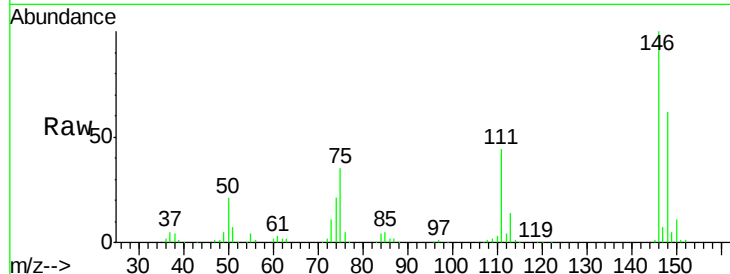




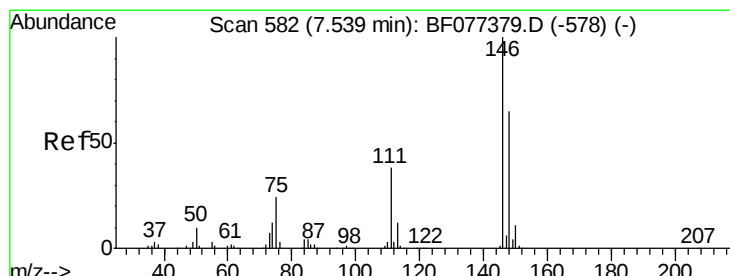
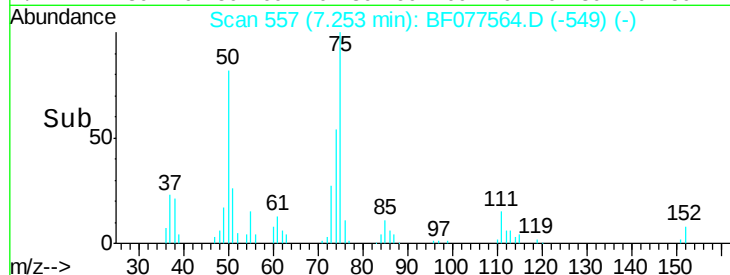
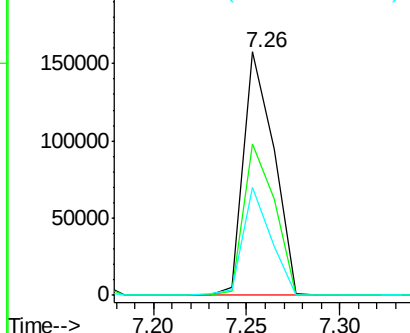
#13
 1,4-Dichlorobenzene
 Concen: 25.06 ng
 RT: 7.26 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF077564.D
 Acq: 4 Mar 2015 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion:146 Resp: 176958
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.0 78.0
 111 44.4 31.9 47.9

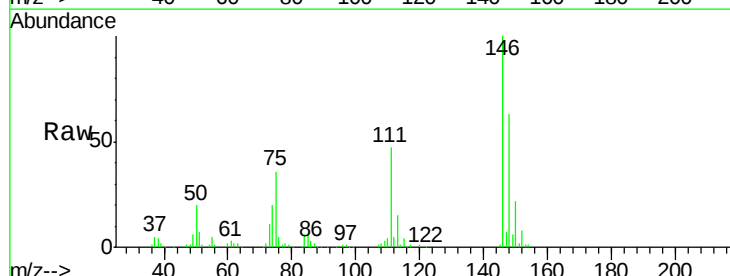


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

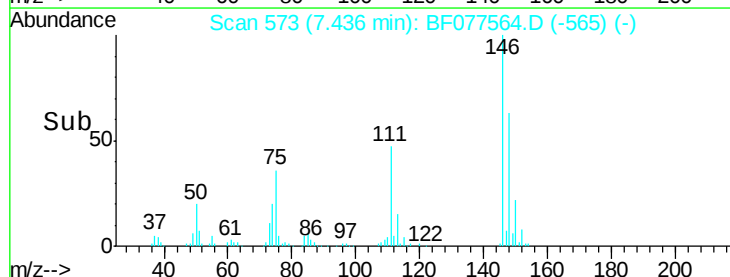
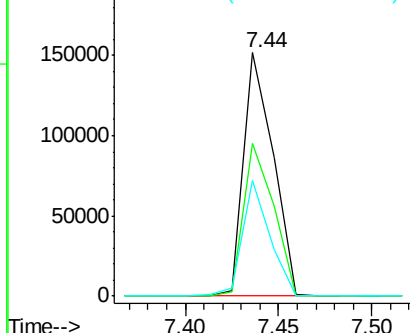


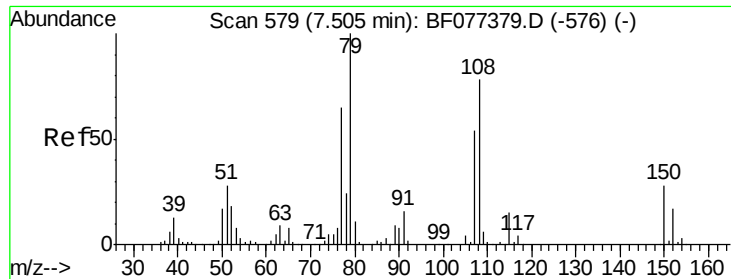
#14
 1,2-Dichlorobenzene
 Concen: 24.75 ng
 RT: 7.44 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF077564.D
 Acq: 4 Mar 2015 00:59

Tgt Ion:146 Resp: 166269
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.6 77.4
 111 47.4 34.2 51.2



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: 23.63 ng

RT: 7.42 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

Instrument :

BNA_F

ClientSampleId :

PB81951BS

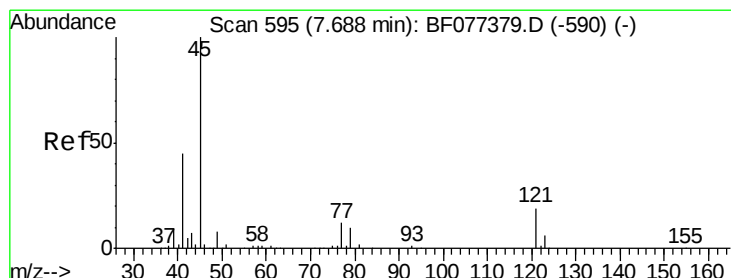
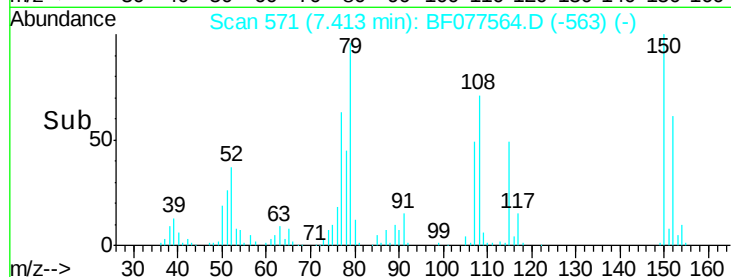
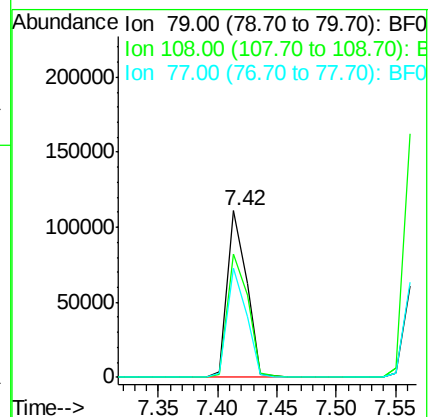
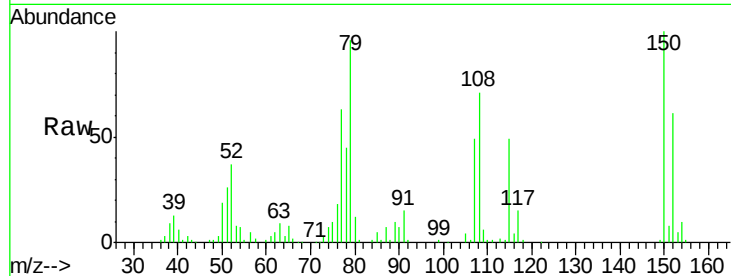
Tgt Ion: 79 Resp: 124823

Ion Ratio Lower Upper

79 100

108 74.2 58.3 87.5

77 65.4 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.14 ng

RT: 7.60 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

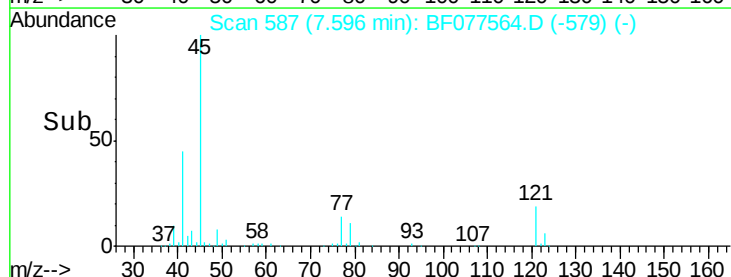
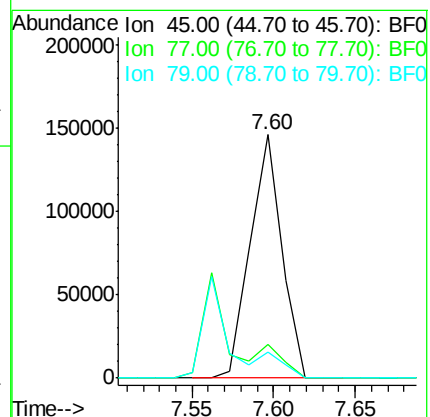
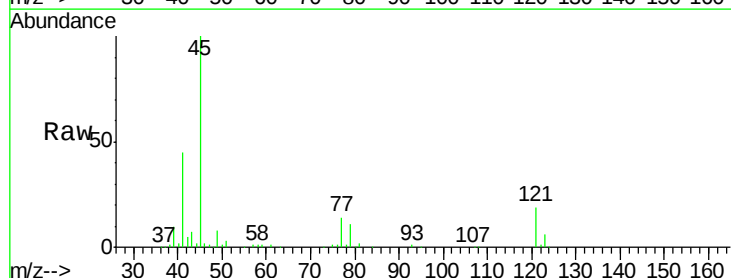
Tgt Ion: 45 Resp: 195917

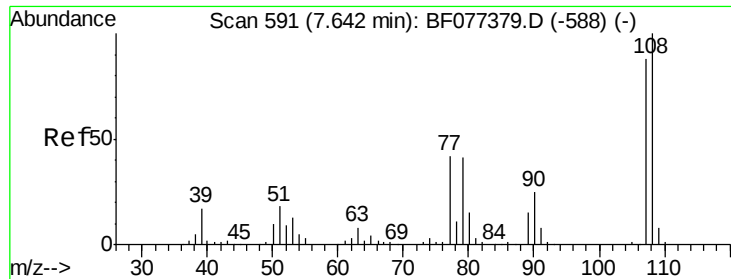
Ion Ratio Lower Upper

45 100

77 13.6 0.0 34.6

79 10.7 0.0 31.5

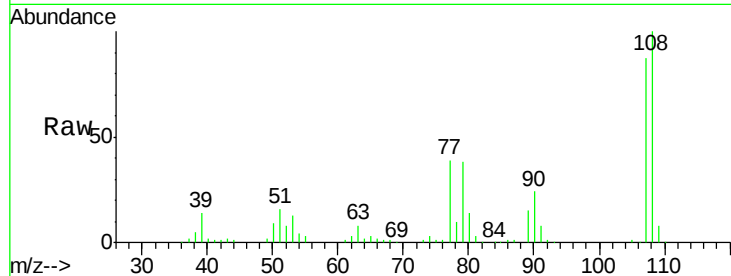




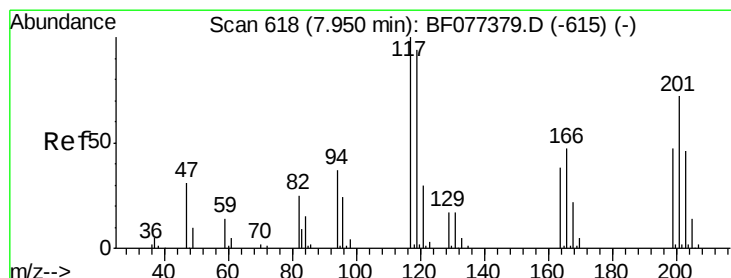
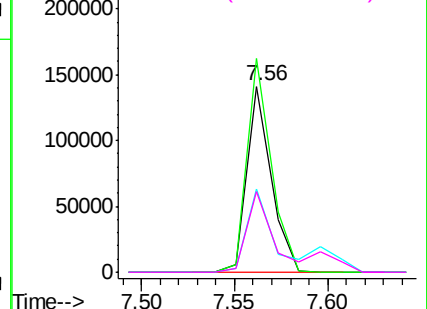
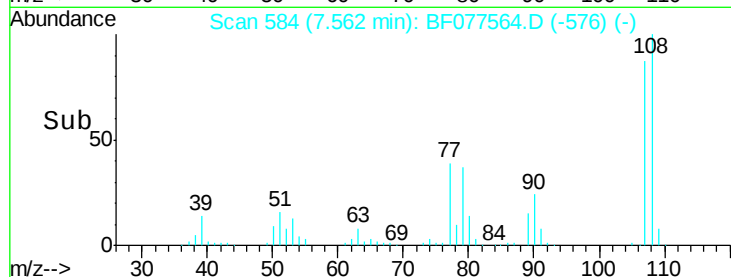
#17
2-Methylphenol
Concen: 25.88 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF077564.D
Acq: 4 Mar 2015 00:59

Instrument :
BNA_F
ClientSampleID :
PB81951BS

Tgt Ion:107 Resp: 128928
Ion Ratio Lower Upper
107 100
108 114.8 91.2 136.8
77 44.7 33.6 50.4
79 43.1 32.1 48.1

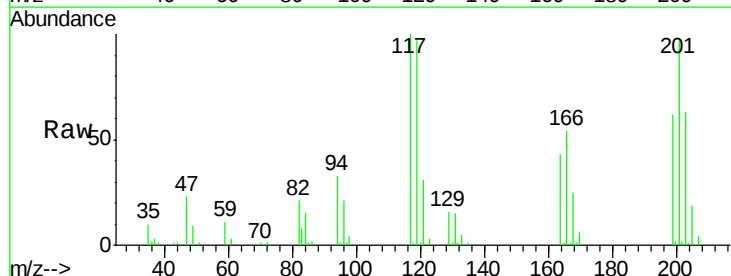


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

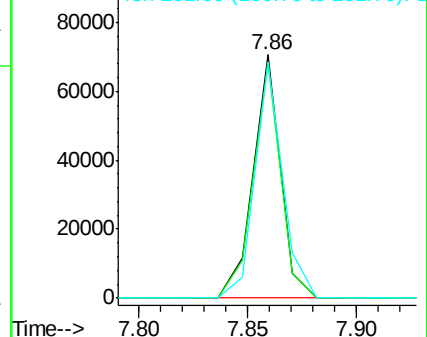
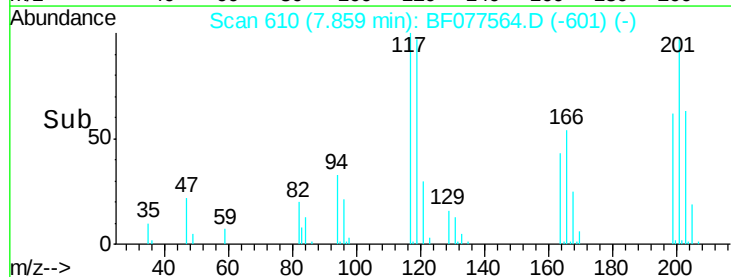


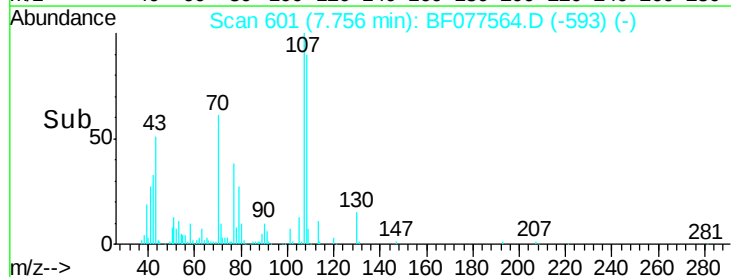
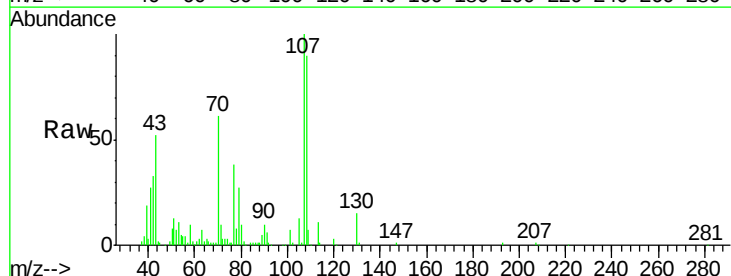
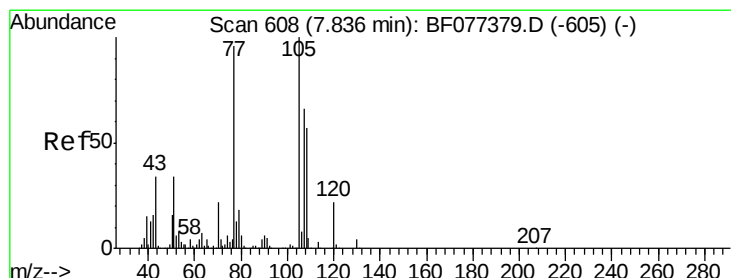
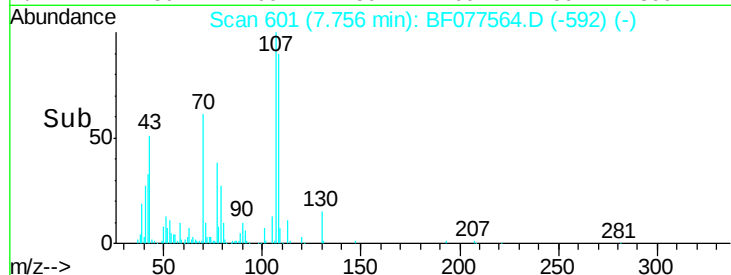
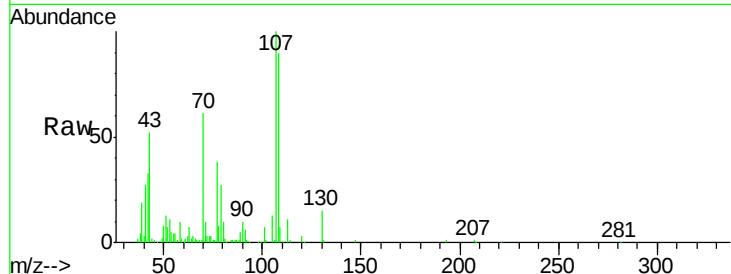
#18
Hexachloroethane
Concen: 26.05 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077564.D
Acq: 4 Mar 2015 00:59

Tgt Ion:117 Resp: 61437
Ion Ratio Lower Upper
117 100
119 97.0 77.8 116.8
201 96.9 90.6 136.0



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

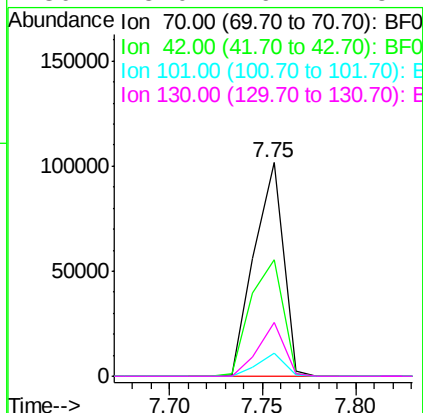




#19
n-Nitroso-di-n-propylamine
Concen: 25.05 ng
RT: 7.75 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077564.D
Acq: 4 Mar 2015 00:59

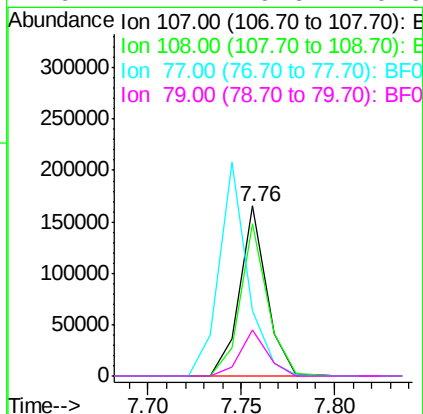
Instrument :
BNA_F
ClientSampleId :
PB81951BS

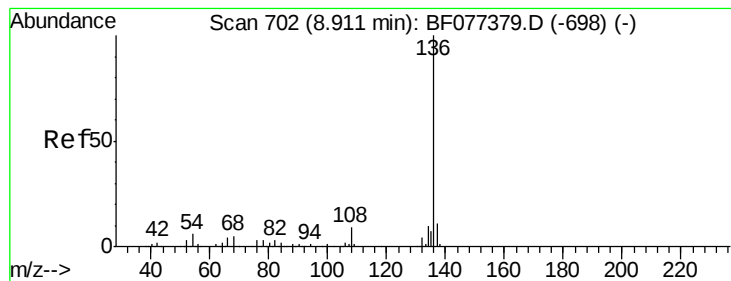
Tgt Ion:	70	Resp:	110518
Ion	Ratio	Lower	Upper
70	100		
42	54.5	48.3	72.5
101	10.8	7.5	11.3
130	25.0	16.7	25.1



#20
3+4-Methylphenols
Concen: 25.61 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077564.D
Acq: 4 Mar 2015 00:59

Tgt Ion:	107	Resp:	168054
Ion	Ratio	Lower	Upper
107	100		
108	89.5	76.8	116.8
77	38.1	65.8	105.8
79	27.2	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

Instrument :

BNA_F

ClientSampleId :

PB81951BS

Tgt Ion:136 Resp: 366254

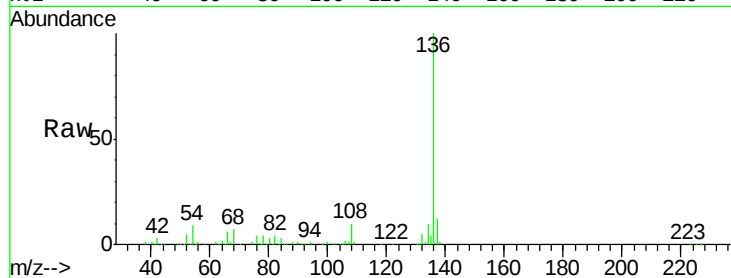
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 9.5 6.2 9.4#

68 7.2 5.0 7.6

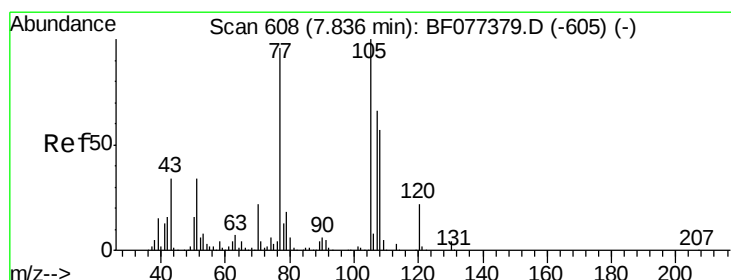
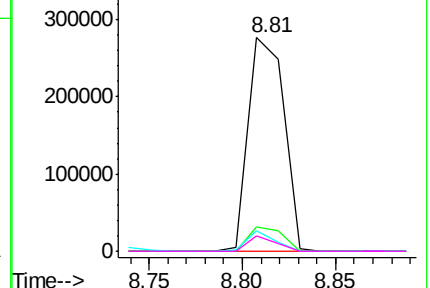
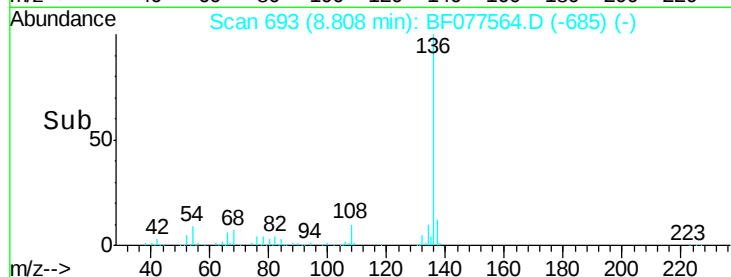


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.32 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

Tgt Ion:105 Resp: 226787

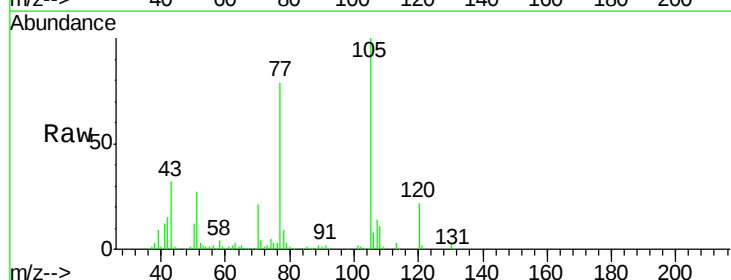
Ion Ratio Lower Upper

105 100

71 3.7 1.7 2.5#

51 26.6 30.7 46.1#

120 21.9 16.7 25.1

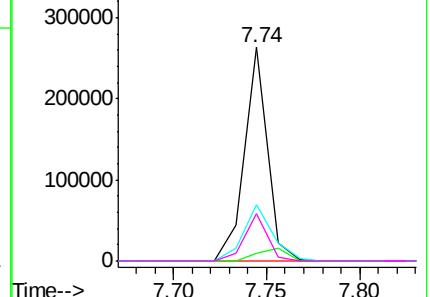
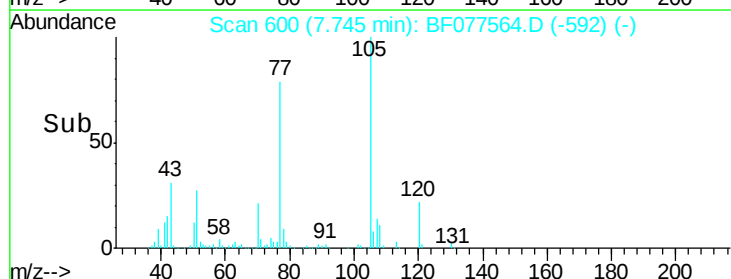


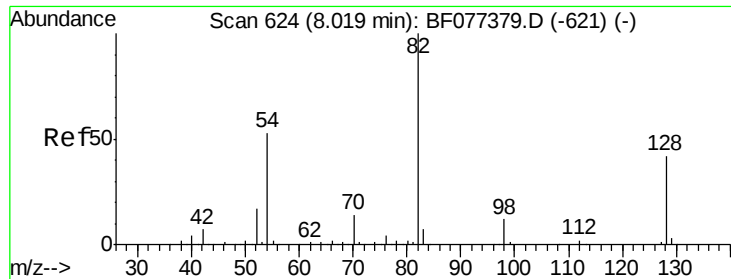
Abundance Ion 105.00 (104.70 to 105.70): E

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

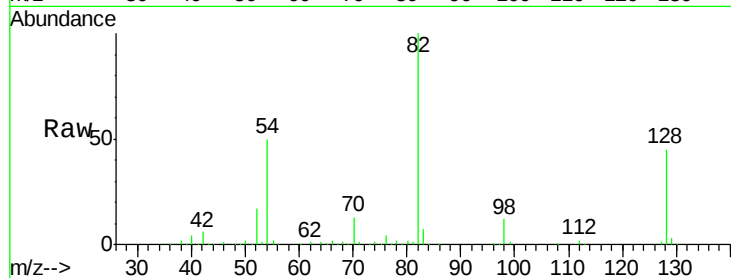




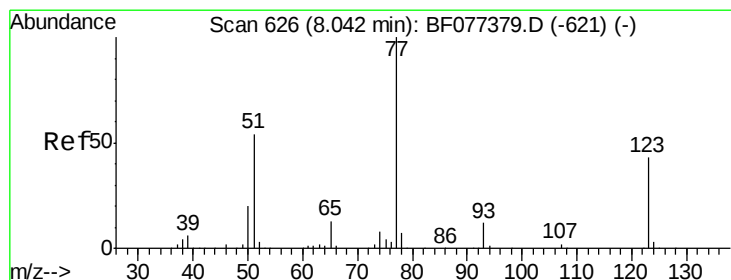
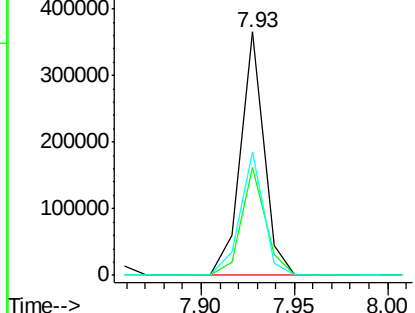
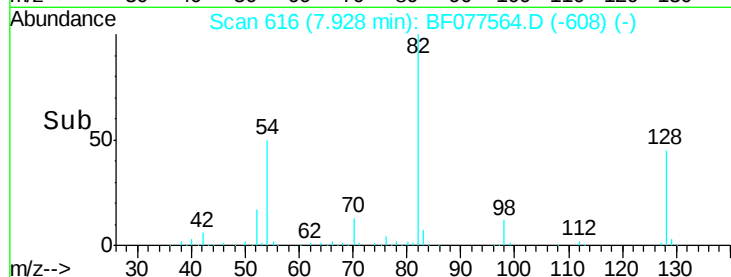
#23
 Nitrobenzene-d5
 Concen: 55.02 ng
 RT: 7.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF077564.D
 Acq: 4 Mar 2015 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion: 82 Resp: 324034
 Ion Ratio Lower Upper
 82 100
 128 44.5 43.8 65.8
 54 50.4 36.7 55.1

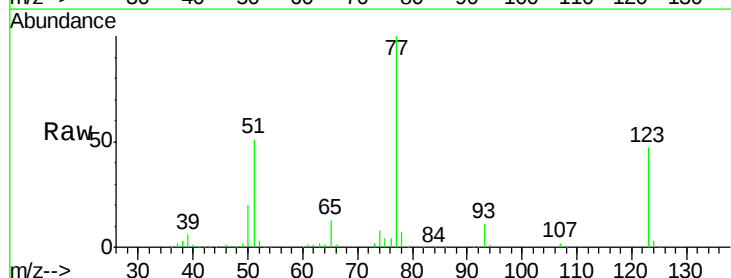


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

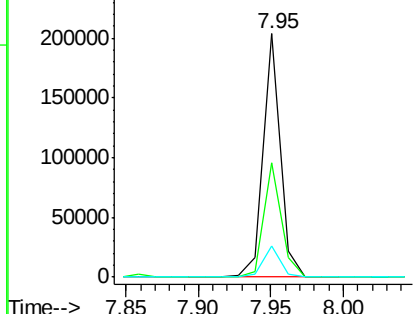
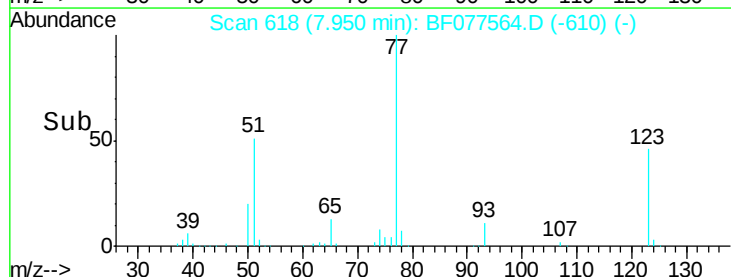


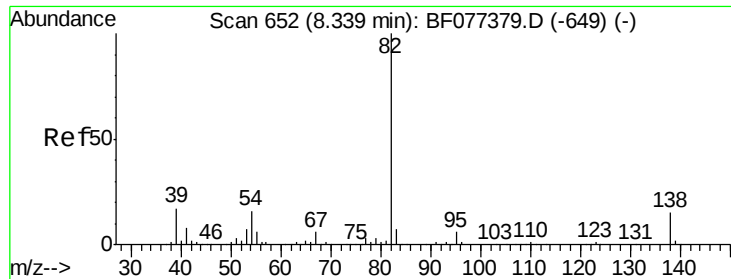
#24
 Nitrobenzene
 Concen: 27.02 ng
 RT: 7.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF077564.D
 Acq: 4 Mar 2015 00:59

Tgt Ion: 77 Resp: 167420
 Ion Ratio Lower Upper
 77 100
 123 47.0 45.9 68.9
 65 12.9 9.5 14.3



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





#25

Isophorone

Concen: 25.66 ng

RT: 8.25 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

Instrument :

BNA_F

ClientSampleId :

PB81951BS

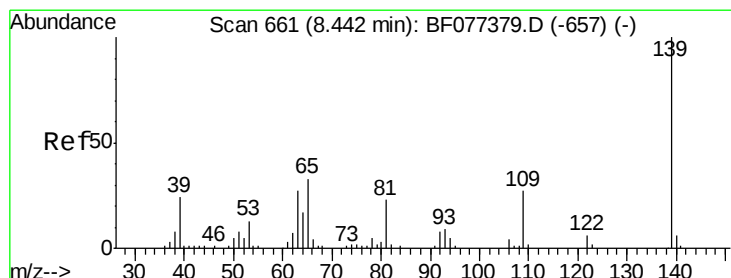
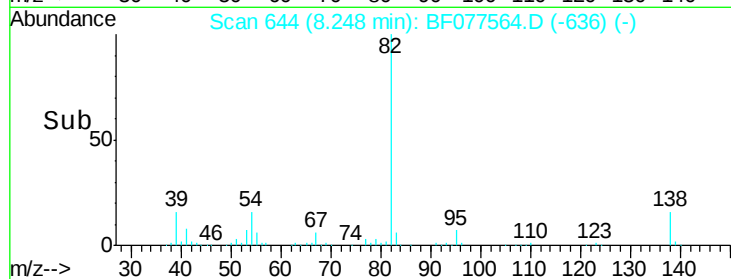
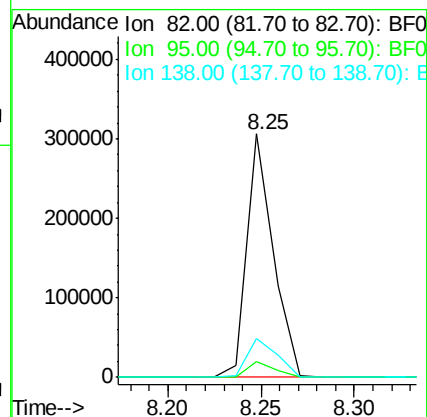
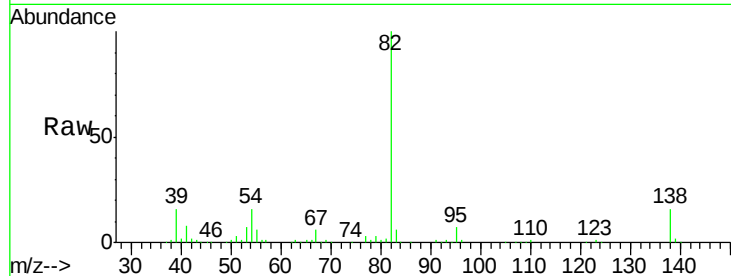
Tgt Ion: 82 Resp: 299892

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 15.8 16.3 24.5#



#26

2-Nitrophenol

Concen: 30.57 ng

RT: 8.35 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

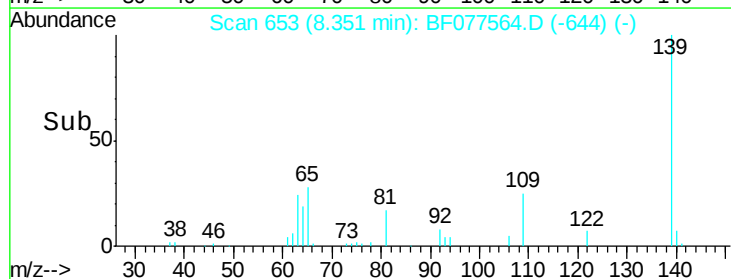
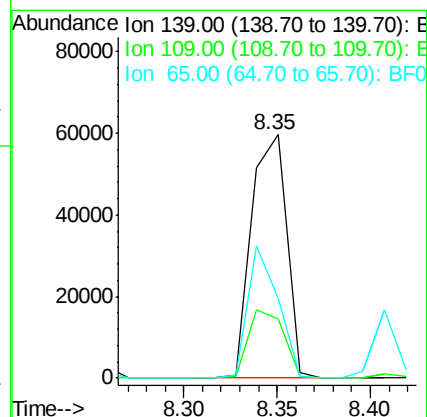
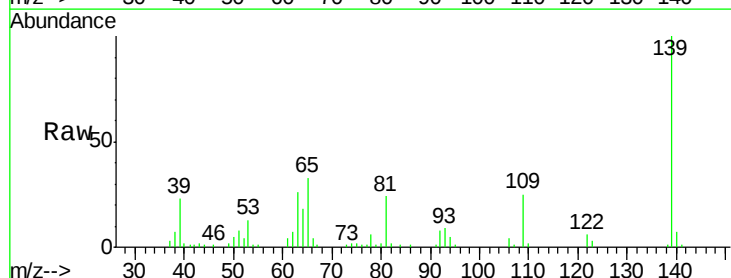
Tgt Ion: 139 Resp: 77636

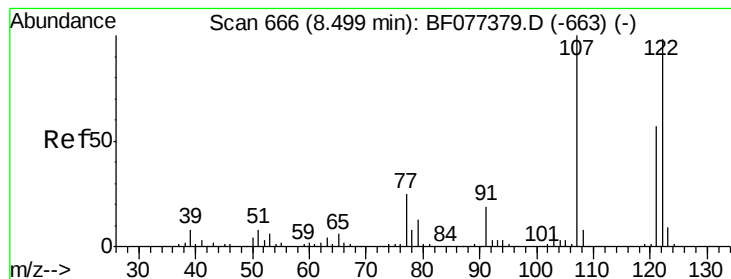
Ion Ratio Lower Upper

139 100

109 24.6 22.6 34.0

65 32.5 36.4 54.6#





#27

2,4-Dimethylphenol

Concen: 26.72 ng

RT: 8.41 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

Instrument :

BNA_F

ClientSampleId :

PB81951BS

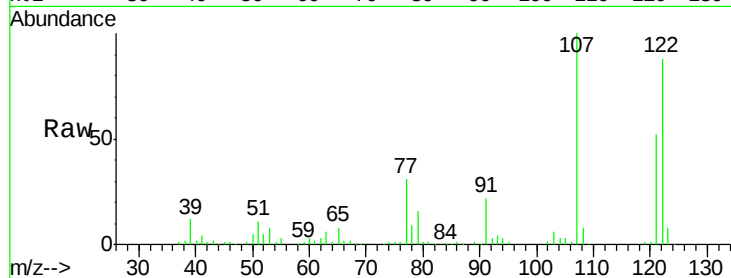
Tgt Ion:122 Resp: 151811

Ion Ratio Lower Upper

122 100

107 113.2 86.6 130.0

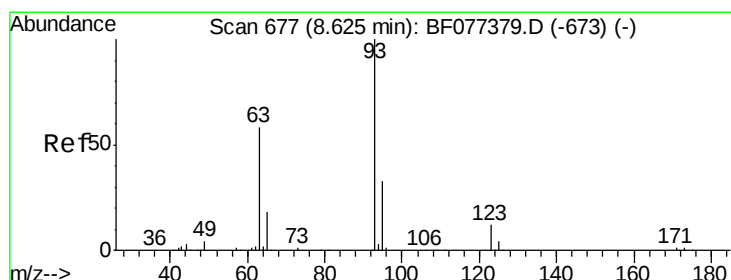
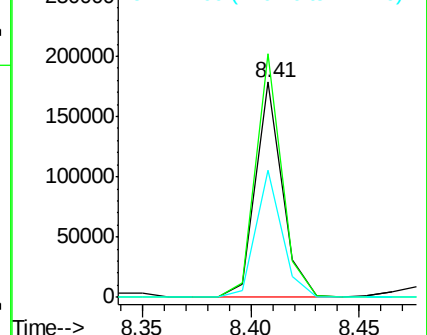
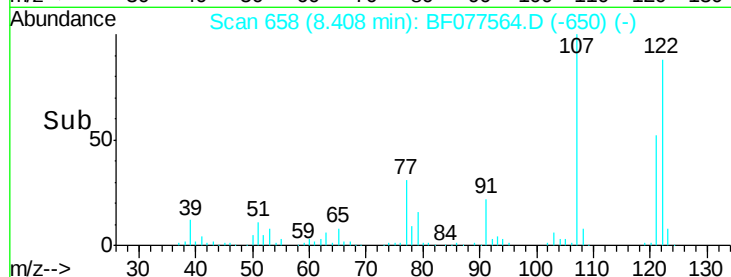
121 59.4 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.74 ng

RT: 8.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF077564.D

Acq: 4 Mar 2015 00:59

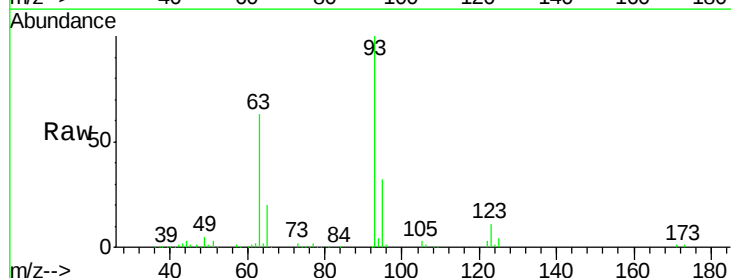
Tgt Ion: 93 Resp: 197374

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

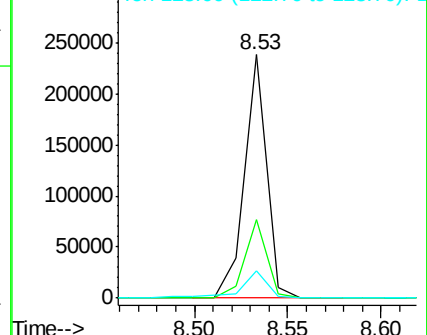
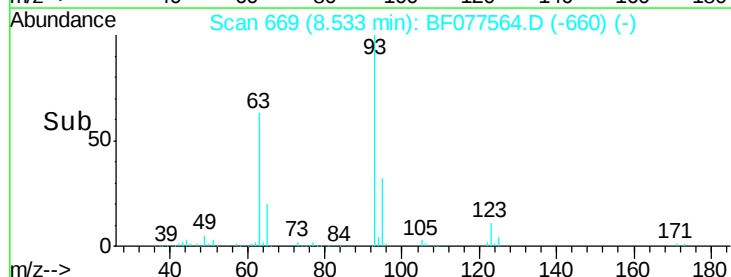
123 11.3 8.7 13.1

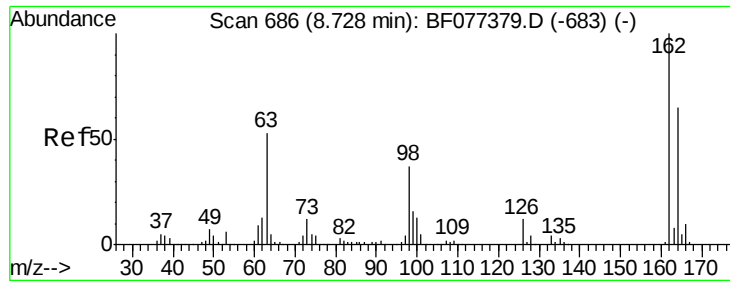


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

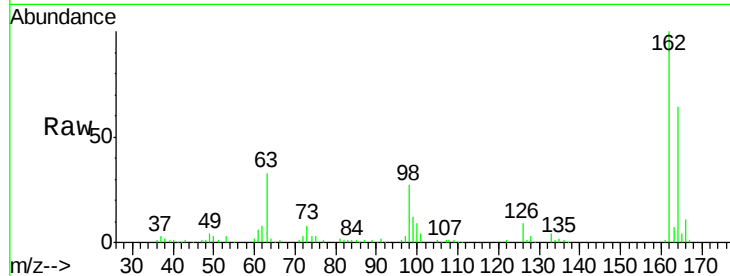




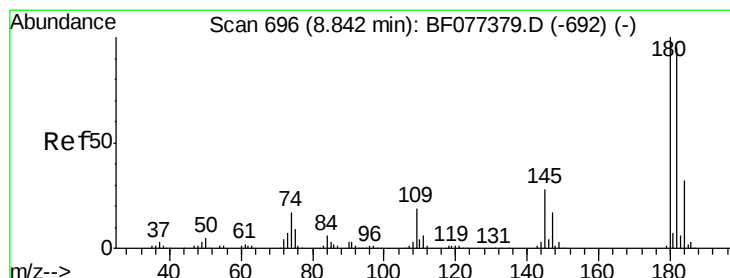
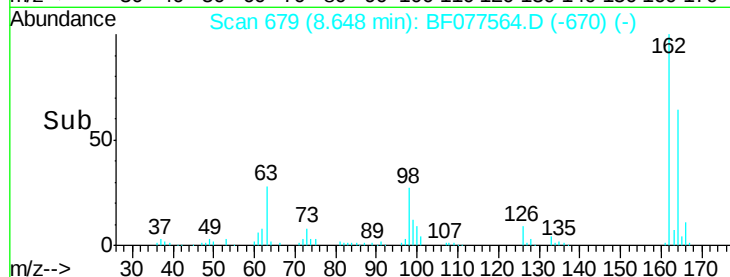
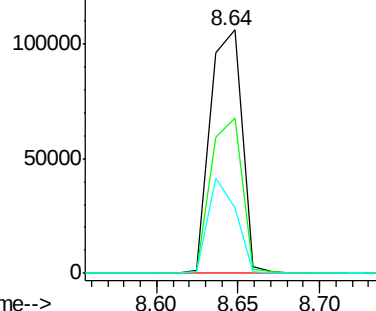
#29
 2,4-Dichlorophenol
 Concen: 26.72 ng
 RT: 8.64 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF077564.D
 Acq: 4 Mar 2015 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	46.4	86.4
98	26.9	6.9	46.9

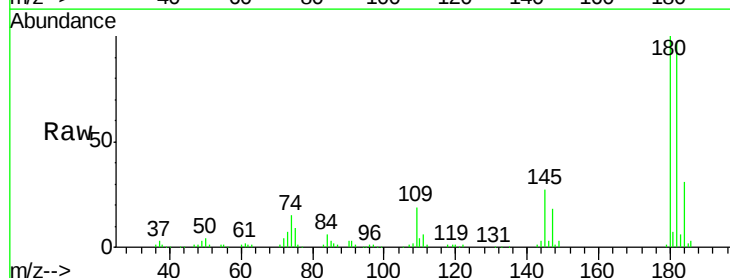


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

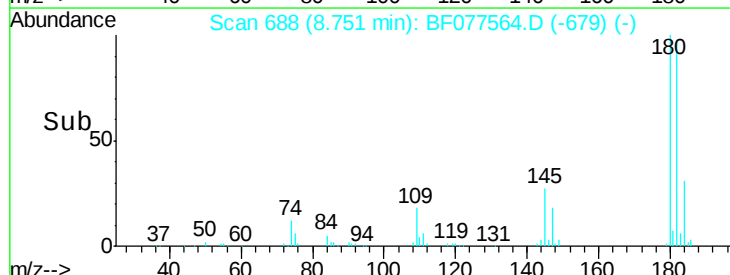
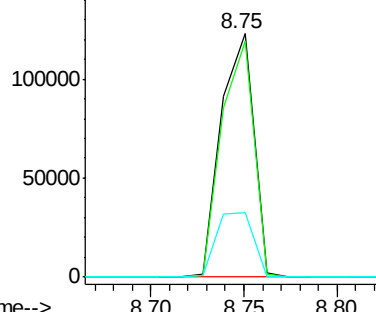


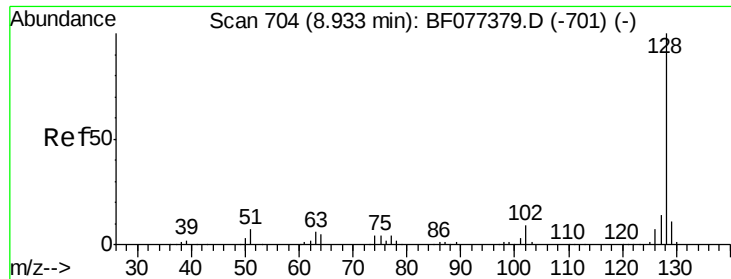
#30
 1,2,4-Trichlorobenzene
 Concen: 25.48 ng
 RT: 8.75 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF077564.D
 Acq: 4 Mar 2015 00:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.2	114.4
145	26.5	24.5	36.7



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

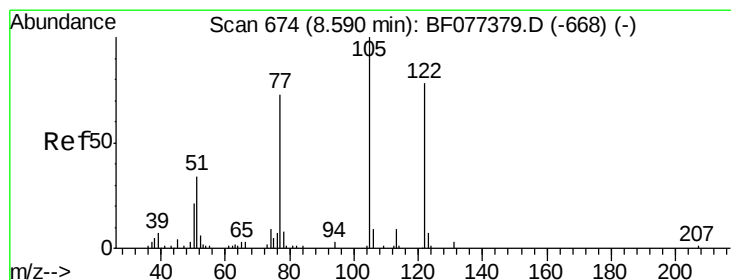
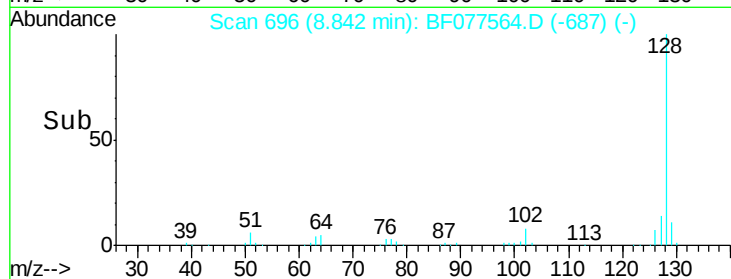
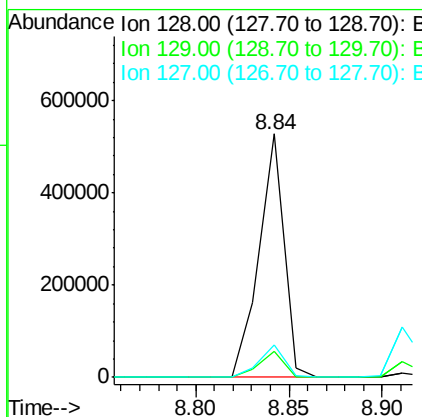
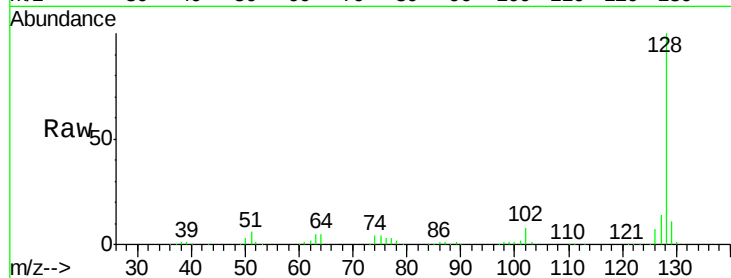




#31
Naphthalene
Concen: 26.72 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077564.D
Acq: 4 Mar 2015 00:59

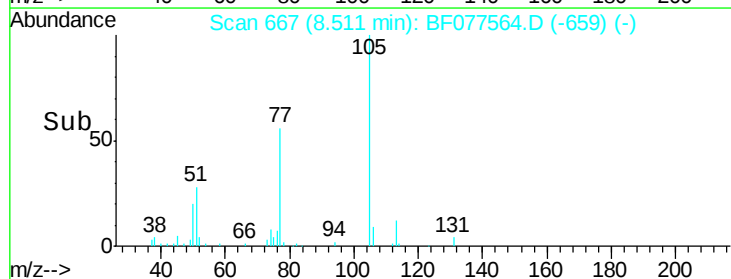
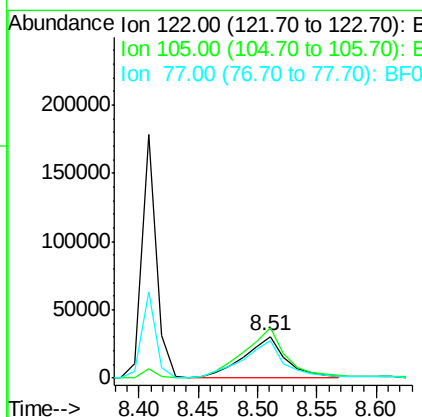
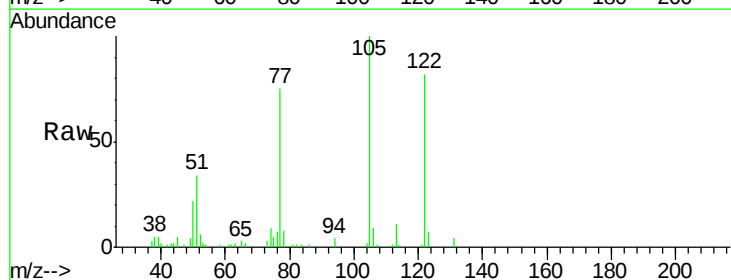
Instrument :
BNA_F
ClientSampleId :
PB81951BS

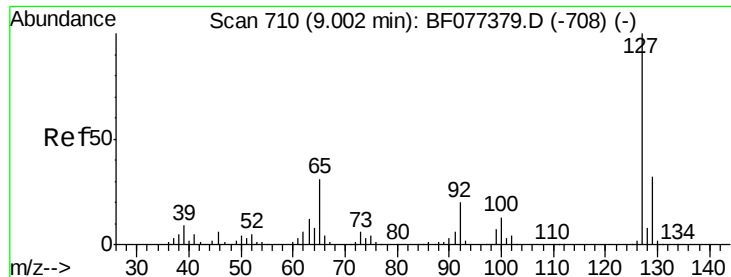
Tgt Ion:128 Resp: 489402
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 28.03 ng
RT: 8.51 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF077564.D
Acq: 4 Mar 2015 00:59

Tgt Ion:122 Resp: 77395
Ion Ratio Lower Upper
122 100
105 121.5 100.3 140.3
77 90.5 68.7 108.7

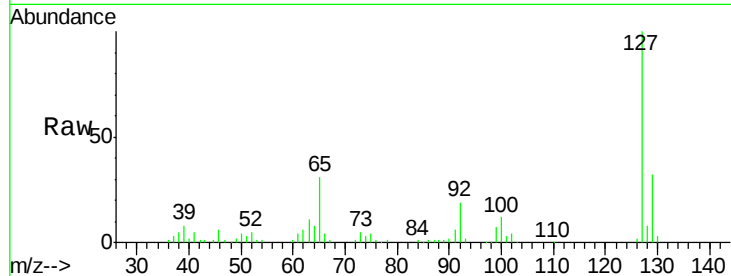




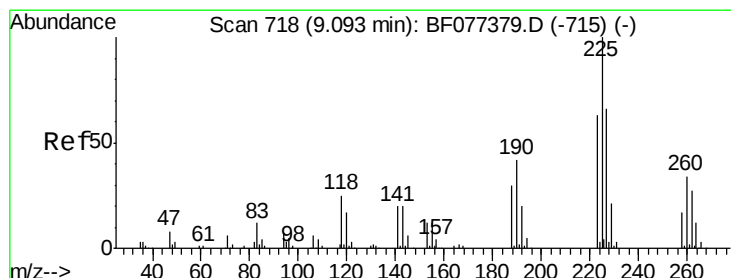
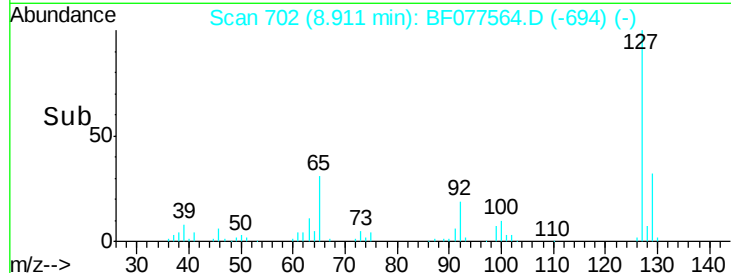
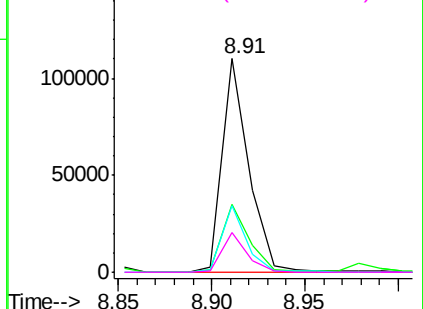
#33
4-Chloroaniline
Concen: 13.62 ng
RT: 8.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF077564.D
Acq: 4 Mar 2015 00:59

Instrument :
BNA_F
ClientSampleId :
PB81951BS

Tgt Ion:	127	Resp:	110925
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.9	40.3
65	31.4	16.7	25.1#
92	18.6	12.5	18.7

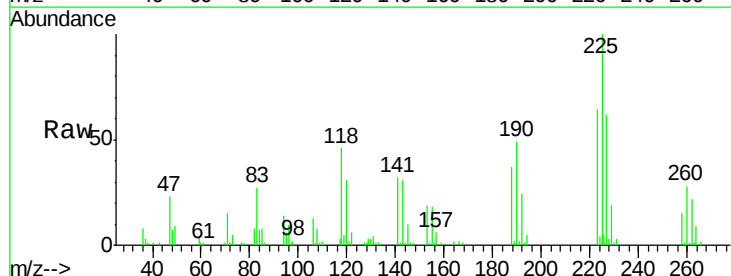


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

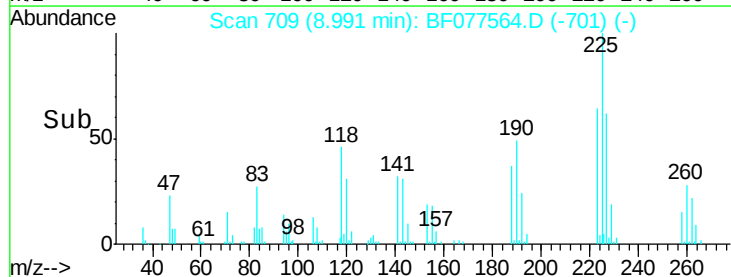
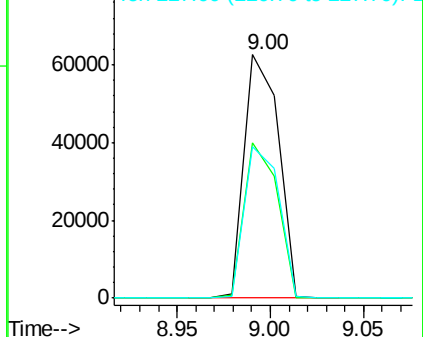


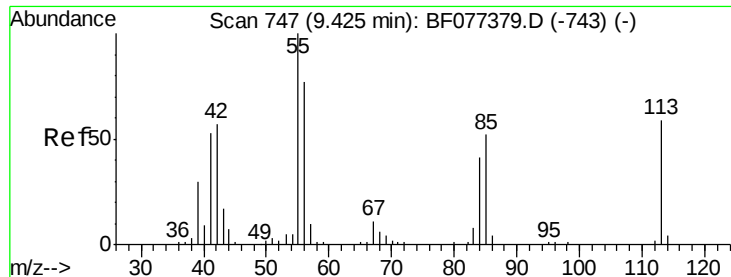
#34
Hexachlorobutadiene
Concen: 23.78 ng
RT: 9.00 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF077564.D
Acq: 4 Mar 2015 00:59

Tgt Ion:	225	Resp:	79601
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.5	74.3
227	62.0	50.5	75.7



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

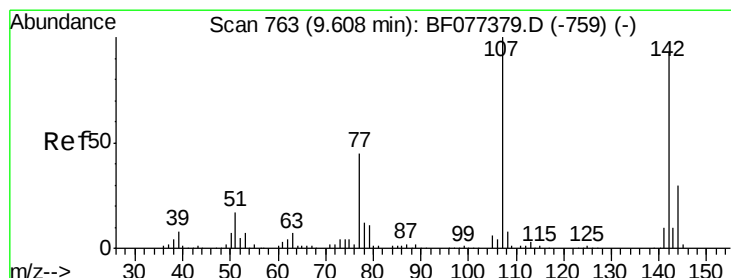
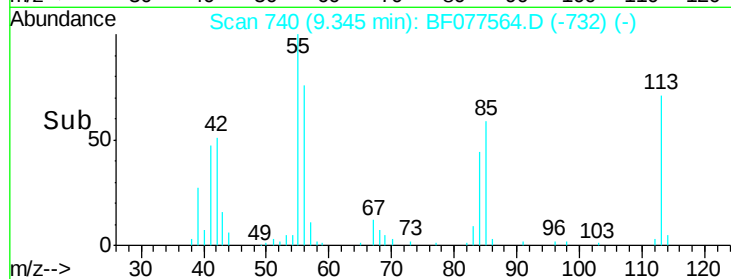
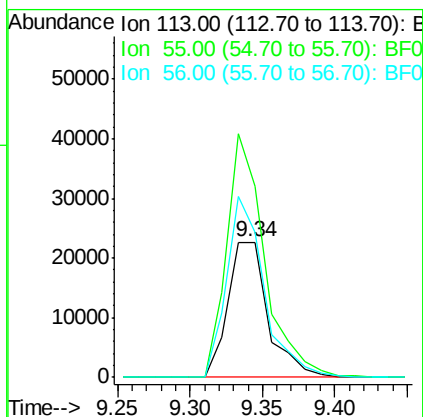
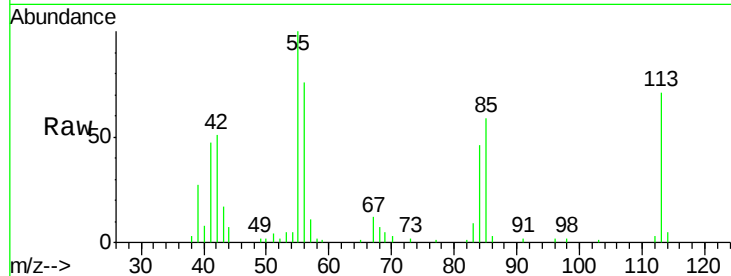




#35
 Caprolactam
 Concen: 26.85 ng
 RT: 9.34 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF077564.D
 Acq: 4 Mar 2015 00:59

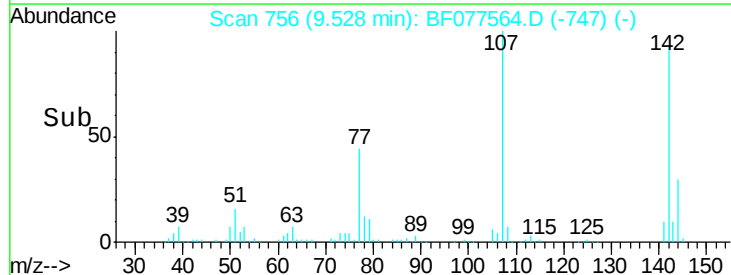
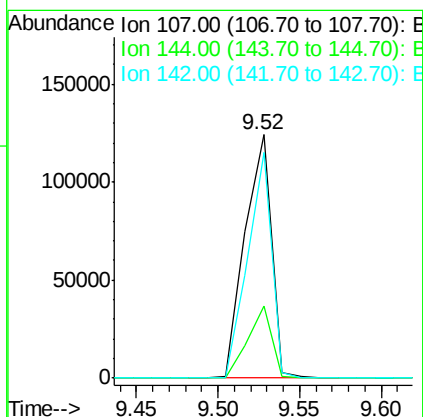
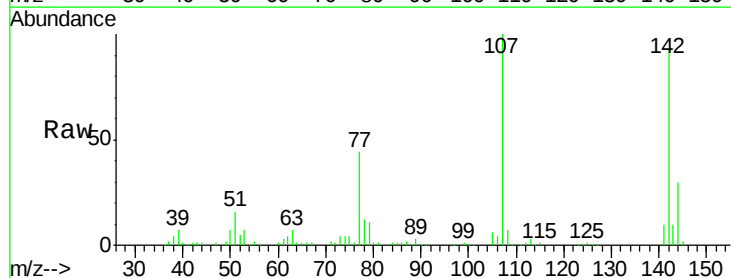
Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

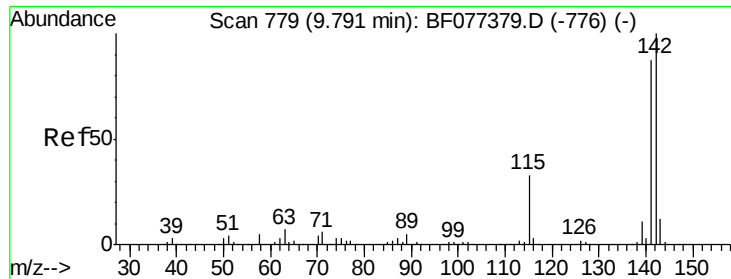
Tgt Ion:113 Resp: 43717
 Ion Ratio Lower Upper
 113 100
 55 141.8 154.6 194.6#
 56 107.4 114.0 154.0#



#36
 4-Chloro-3-methylphenol
 Concen: 26.07 ng
 RT: 9.52 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF077564.D
 Acq: 4 Mar 2015 00:59

Tgt Ion:107 Resp: 139815
 Ion Ratio Lower Upper
 107 100
 144 29.6 21.1 31.7
 142 92.7 65.3 97.9

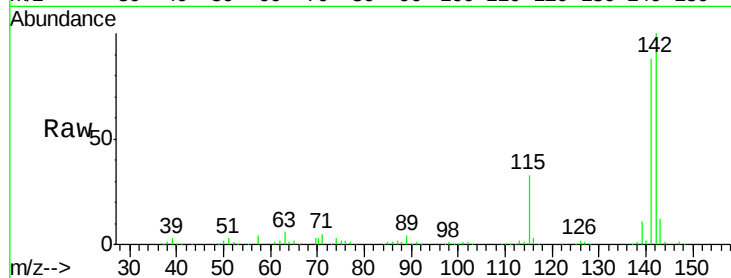




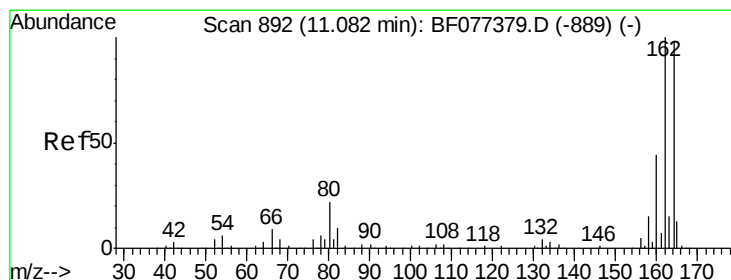
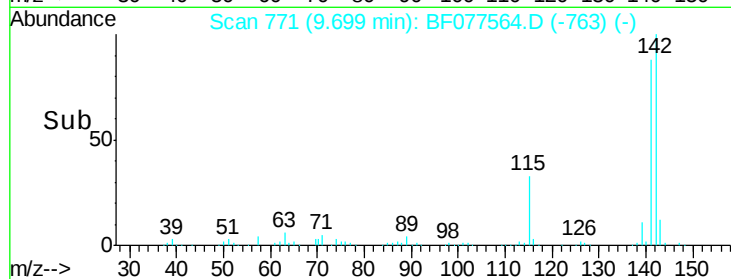
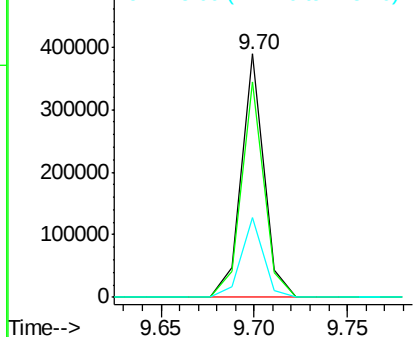
#37
 2-Methylnaphthalene
 Concen: 25.29 ng
 RT: 9.70 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF077564.D
 Acq: 4 Mar 2015 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion:142 Resp: 328932
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.7 106.1
 115 32.7 24.2 36.4

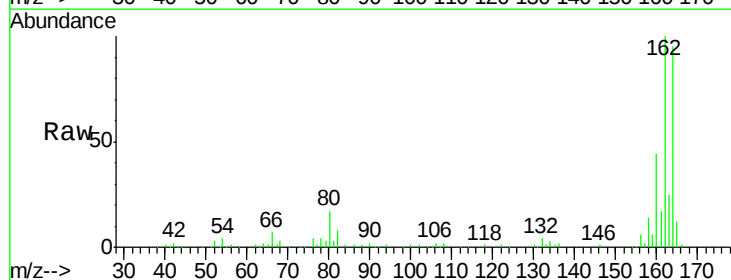


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF077564.D
 Acq: 4 Mar 2015 00:59

Tgt Ion:164 Resp: 162151
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.2 124.8
 160 45.9 34.6 52.0



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

