

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
 Data File : BF077739.D
 Acq On : 13 Mar 2015 14:56
 Operator : TP/IZ
 Sample : PB82103BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

Quant Time: Mar 13 22:59:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	49532	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	213693	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	111094	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	217042	20.00	ng	0.00
75) Chrysene-d12	16.03	240	226889	20.00	ng	0.00
86) Perylene-d12	17.76	264	211227	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	340430	119.97	ng	0.00
7) Phenol-d6	6.74	99	441891	126.04	ng	0.00
23) Nitrobenzene-d5	7.86	82	233672	71.68	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	115227	108.41	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	536739	71.00	ng	0.00
78) Terphenyl-d14	14.74	244	646504	69.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	36328	28.20	ng	# 100
3) Pyridine	2.77	79	92898	26.84	ng	98
4) n-Nitrosodimethylamine	2.69	42	48749	32.34	ng	# 88
6) Aniline	6.75	93	91281	18.20	ng	# 1
8) 2-Chlorophenol	6.90	128	125929	37.28	ng	97
9) Benzaldehyde	6.61	77	10768	7.50	ng	96
10) Phenol	6.75	94	152916	36.90	ng	90
11) bis(2-Chloroethyl)ether	6.86	93	114496	36.88	ng	98
12) 1,3-Dichlorobenzene	7.09	146	126979	33.80	ng	97
13) 1,4-Dichlorobenzene	7.18	146	128170	32.83	ng	92
14) 1,2-Dichlorobenzene	7.37	146	120585	33.70	ng	# 93
15) Benzyl Alcohol	7.36	79	98756	36.09	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.54	45	150098	35.88	ng	99
17) 2-Methylphenol	7.50	107	100551	36.57	ng	98
18) Hexachloroethane	7.79	117	43909	34.30	ng	94
19) n-Nitroso-di-n-propylamine	7.69	70	83096	34.26	ng	99
20) 3+4-Methylphenols	7.70	107	133225	36.92	ng	98
22) Acetophenone	7.68	105	163299	34.52	ng	# 98
24) Nitrobenzene	7.88	77	118423	33.72	ng	97
25) Isophorone	8.18	82	216668	32.91	ng	# 91
26) 2-Nitrophenol	8.28	139	58210	33.86	ng	96
27) 2,4-Dimethylphenol	8.35	122	110455	35.26	ng	99
28) bis(2-Chloroethoxy)methane	8.46	93	139661	34.95	ng	98
29) 2,4-Dichlorophenol	8.58	162	106557	35.69	ng	96
30) 1,2,4-Trichlorobenzene	8.68	180	107154	32.08	ng	99
31) Naphthalene	8.77	128	363192	33.09	ng	100
32) Benzoic acid	8.45	122	45357	27.38	ng	96
33) 4-Chloroaniline	8.85	127	84693	19.01	ng	98
34) Hexachlorobutadiene	8.93	225	59337	31.34	ng	99
35) Caprolactam	9.26	113	31772	36.41	ng	97
36) 4-Chloro-3-methylphenol	9.46	107	111664	37.17	ng	94
37) 2-Methylnaphthalene	9.63	142	257503	34.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	109085	32.92	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	107262	65.27	ng	99

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Quant Time: Mar 13 22:59:46 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

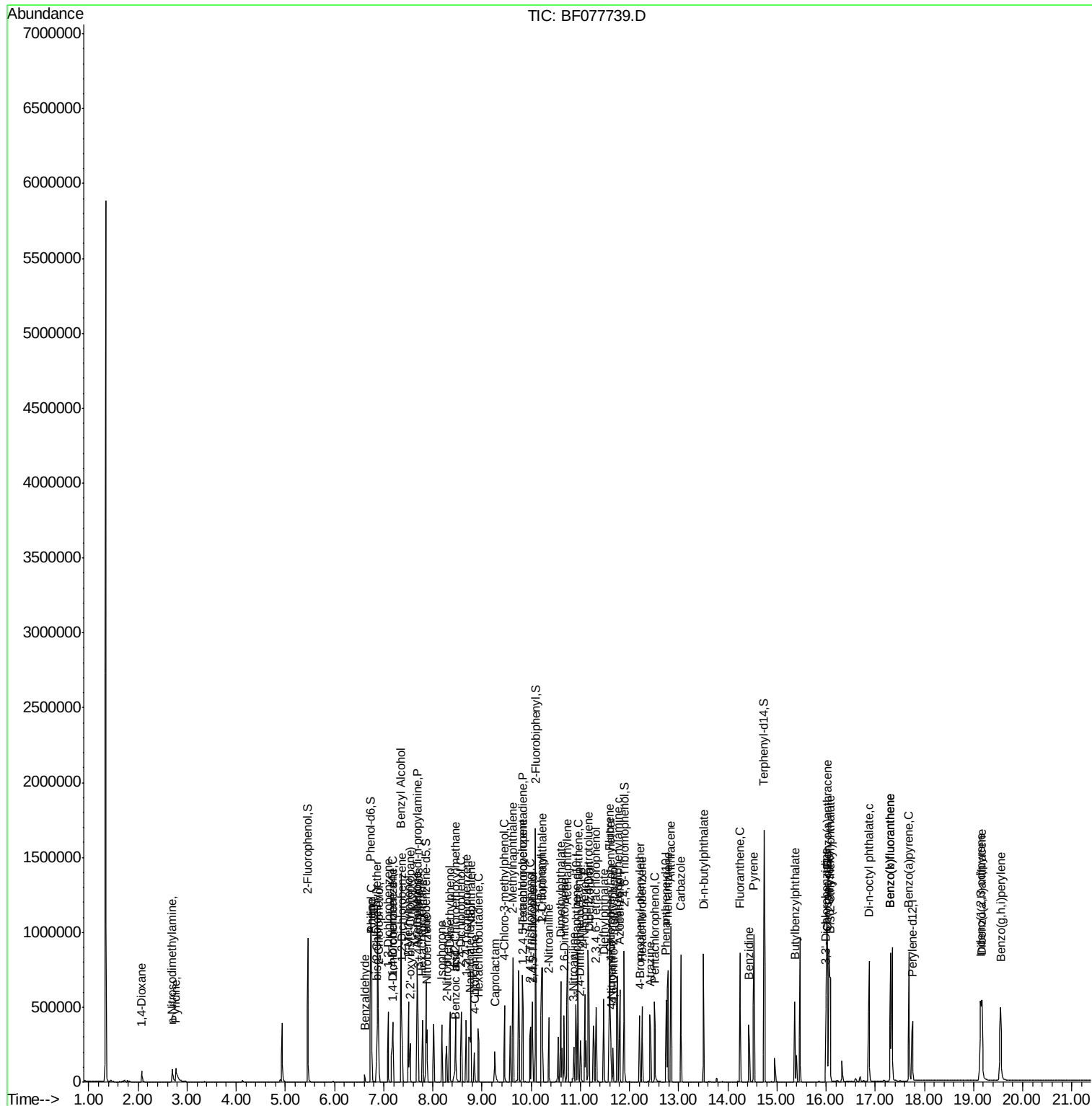
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	76390	33.28	ng	99
43) 2,4,5-Trichlorophenol	10.03	196	80822	32.59	ng	98
45) 1,1'-Biphenyl	10.21	154	297465	33.50	ng	97
46) 2-Chloronaphthalene	10.22	162	238007	32.98	ng	# 93
47) 2-Nitroaniline	10.36	65	67655	37.75	ng	94
48) Acenaphthylene	10.74	152	390213	32.51	ng	99
49) Dimethylphthalate	10.60	163	298375	36.21	ng	99
50) 2,6-Dinitrotoluene	10.67	165	60790	35.59	ng	97
51) Acenaphthene	10.96	154	221667	32.21	ng	98
52) 3-Nitroaniline	10.86	138	48177	24.29	ng	# 67
53) 2,4-Dinitrophenol	11.00	184	38193	62.80	ng	98
54) Dibenzofuran	11.17	168	349084	34.20	ng	99
55) 4-Nitrophenol	11.09	139	104333	71.01	ng	89
56) 2,4-Dinitrotoluene	11.16	165	80398	36.10	ng	# 98
57) Fluorene	11.60	166	280007	33.04	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	66149	34.64	ng	# 100
59) Diethylphthalate	11.48	149	282264	35.16	ng	98
60) 4-Chlorophenyl-phenylether	11.61	204	132769	34.33	ng	95
61) 4-Nitroaniline	11.63	138	64040	32.39	ng	97
62) Azobenzene	11.80	77	266978	34.79	ng	96
64) 4,6-Dinitro-2-methylphenol	11.66	198	31974	32.71	ng	89
65) n-Nitrosodiphenylamine	11.76	169	253204	35.04	ng	99
66) 4-Bromophenyl-phenylether	12.21	248	81052	34.99	ng	94
67) Hexachlorobenzene	12.26	284	81961	32.20	ng	# 70
68) Atrazine	12.43	200	78819	38.92	ng	98
69) Pentachlorophenol	12.52	266	85558	64.79	ng	99
70) Phenanthrene	12.79	178	420397	33.74	ng	99
71) Anthracene	12.84	178	421947	34.28	ng	100
72) Carbazole	13.05	167	390430	33.34	ng	99
73) Di-n-butylphthalate	13.51	149	460829	35.10	ng	100
74) Fluoranthene	14.25	202	444550	32.35	ng	93
76) Benzidine	14.43	184	198491	35.31	ng	98
77) Pyrene	14.53	202	481057	33.72	ng	99
79) Butylbenzylphthalate	15.37	149	198897	35.36	ng	95
80) Benzo(a)anthracene	16.02	228	445833	33.15	ng	99
81) 3,3'-Dichlorobenzidine	16.00	252	104076	23.46	ng	# 99
82) Chrysene	16.07	228	416097	34.41	ng	100
83) Bis(2-ethylhexyl)phthalate	16.09	149	304080	35.69	ng	99
84) Di-n-octyl phthalate	16.88	149	509998	35.00	ng	100
85) Indeno(1,2,3-cd)pyrene	19.14	276	442182	29.29	ng	# 100
87) Benzo(b)fluoranthene	17.31	252	407835	29.58	ng	97
88) Benzo(k)fluoranthene	17.31	252	407835	37.86	ng	100
89) Benzo(a)pyrene	17.69	252	403352	35.06	ng	# 97
90) Dibenzo(a,h)anthracene	19.17	278	384673	33.71	ng	99
91) Benzo(g,h,i)perylene	19.55	276	383431	33.00	ng	98

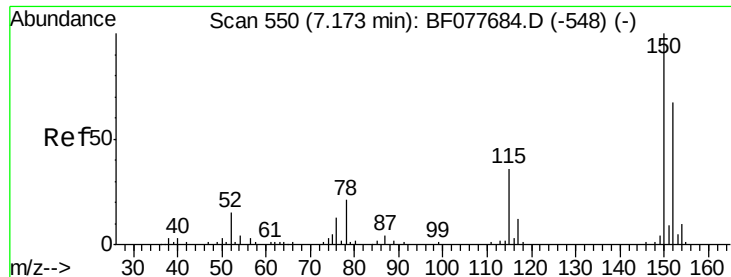
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF077739.D  
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Operator  : TP/IZ  
Sample    : PB82103BSD  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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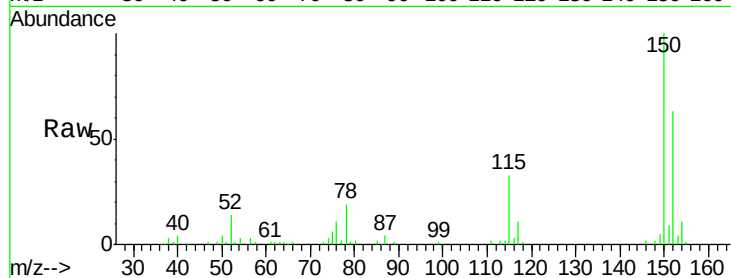


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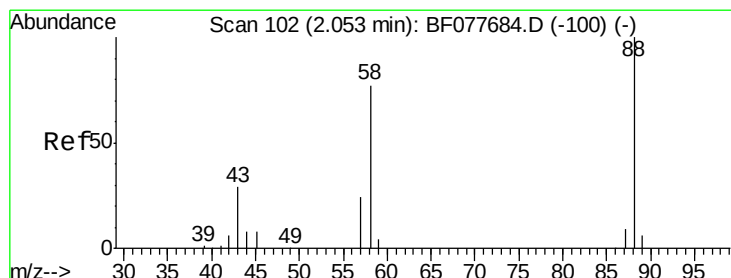
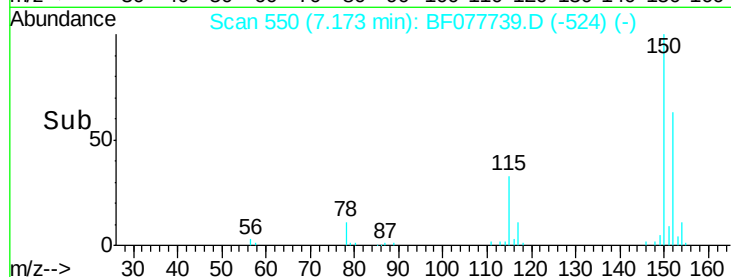
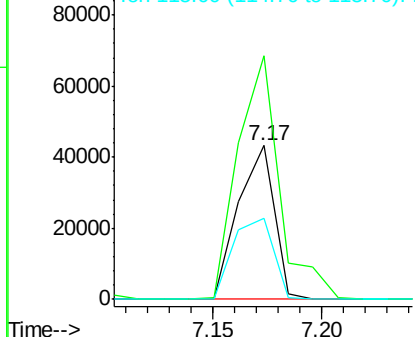
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

Tgt Ion:152 Resp: 49532
Ion Ratio Lower Upper
152 100
150 158.2 119.5 179.3
115 52.6 43.0 64.4



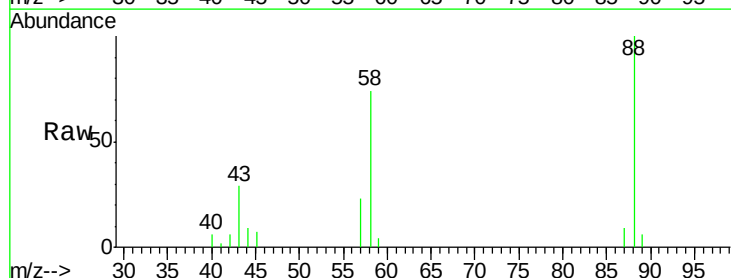
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



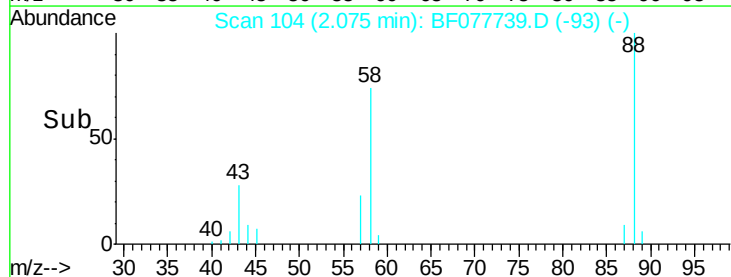
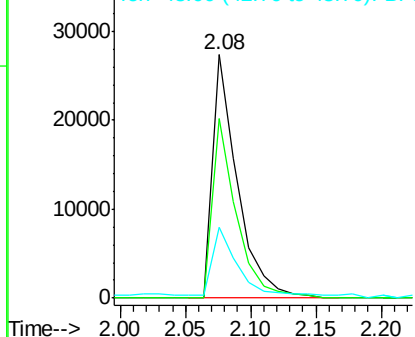
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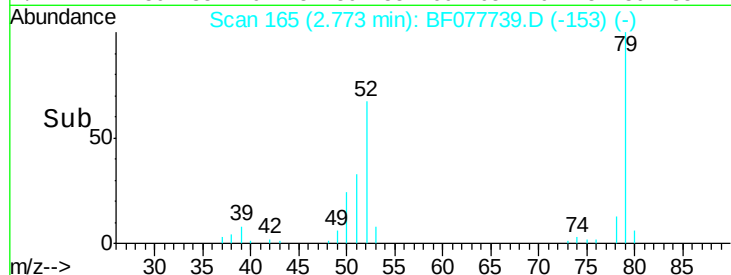
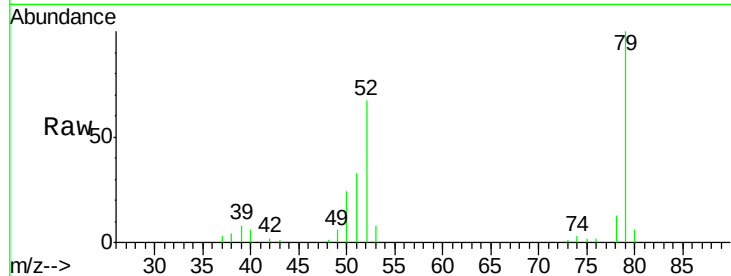
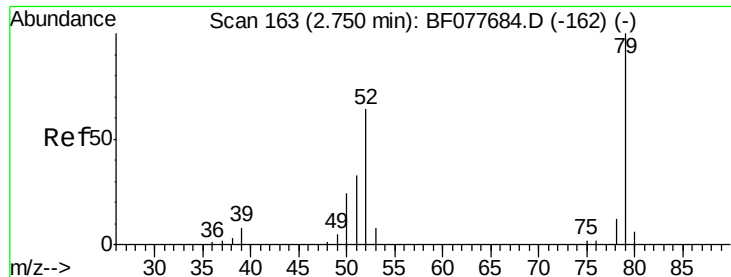
1,4-Dioxane
Concen: 28.20 ng
RT: 2.08 min Scan# 104
Delta R.T. 0.02 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion: 88 Resp: 36328
Ion Ratio Lower Upper
88 100
58 71.7 0.0 0.0#
43 34.1 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

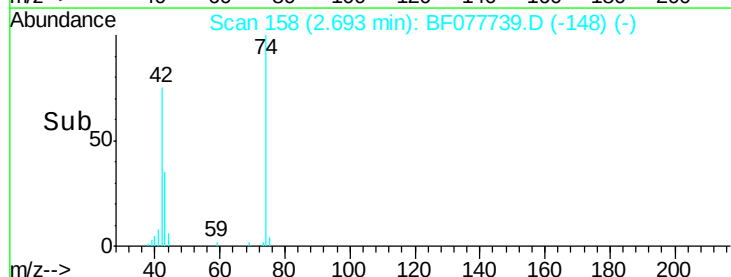
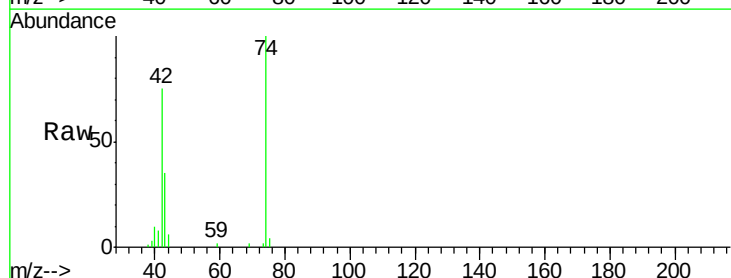
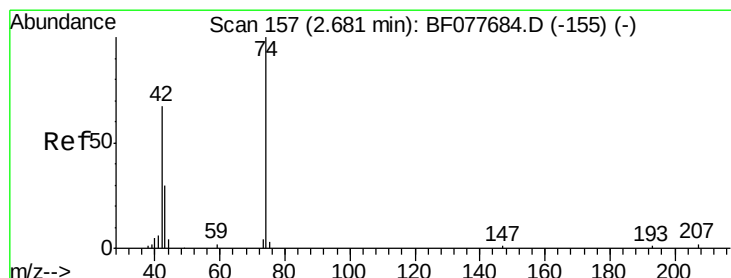
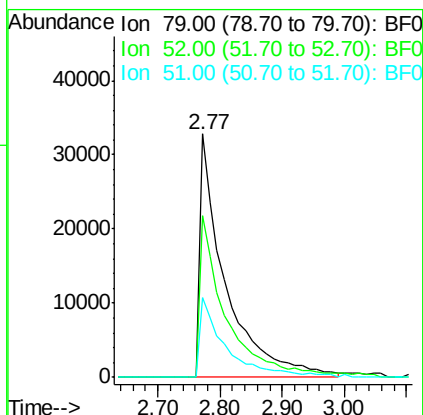




#3
 Pyridine
 Concen: 26.84 ng
 RT: 2.77 min Scan# 165
 Delta R.T. 0.03 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

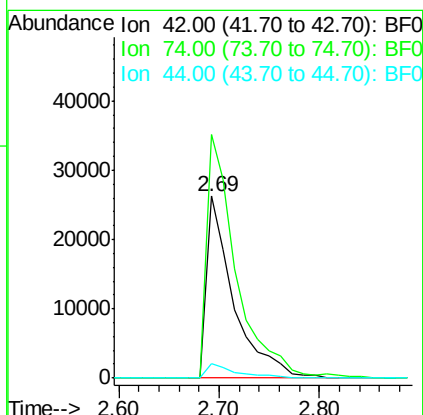
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

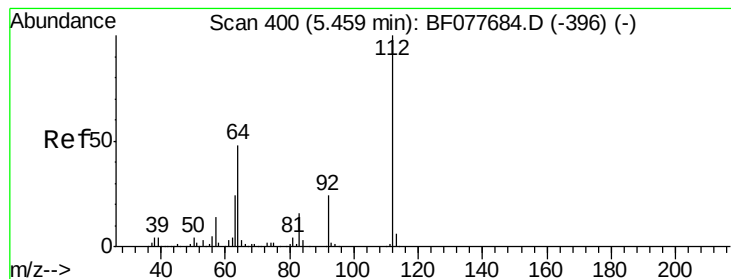
Tgt Ion: 79 Resp: 92898
 Ion Ratio Lower Upper
 79 100
 52 66.5 51.1 76.7
 51 33.0 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 32.34 ng
 RT: 2.69 min Scan# 158
 Delta R.T. 0.01 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion: 42 Resp: 48749
 Ion Ratio Lower Upper
 42 100
 74 133.8 119.3 178.9
 44 8.3 5.4 8.2#





#5

2-Fluorophenol

Concen: 119.97 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

ClientSampleId :

PB82103BSD

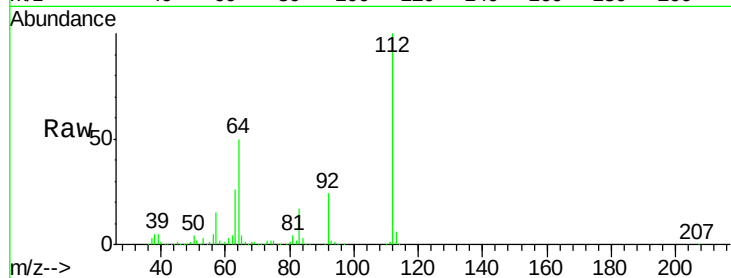
Tgt Ion: 112 Resp: 340430

Ion Ratio Lower Upper

112 100

64 50.3 38.6 57.8

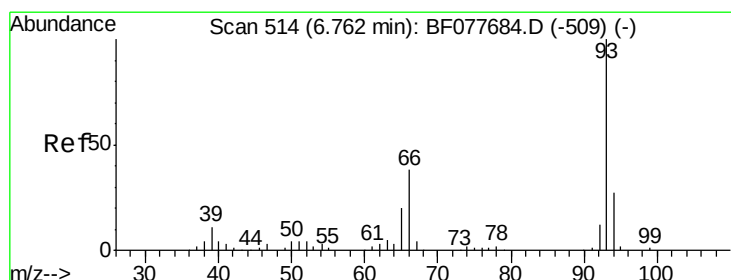
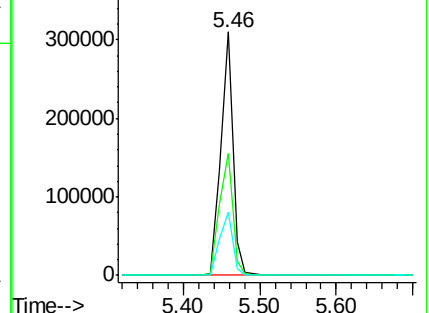
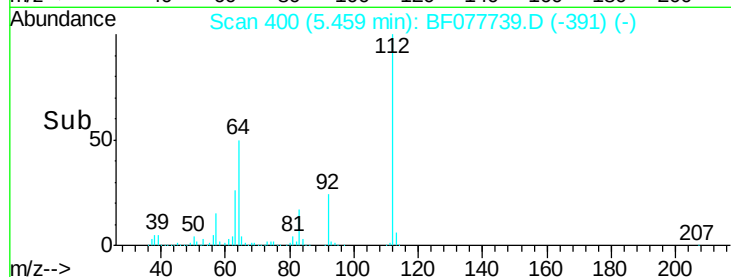
63 25.8 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.20 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

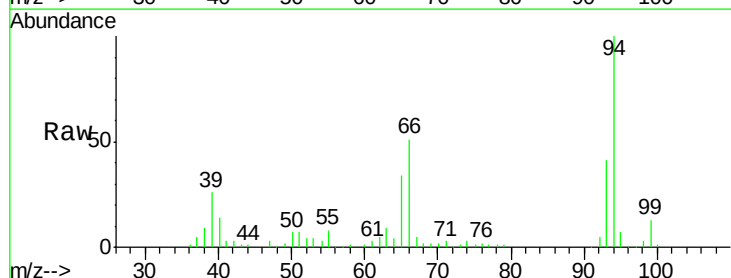
Tgt Ion: 93 Resp: 91281

Ion Ratio Lower Upper

93 100

66 125.9 30.8 46.2#

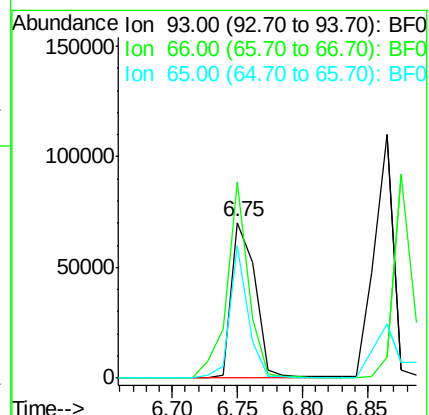
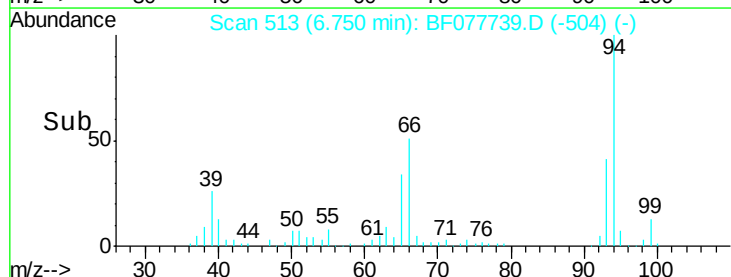
65 84.9 16.0 24.0#

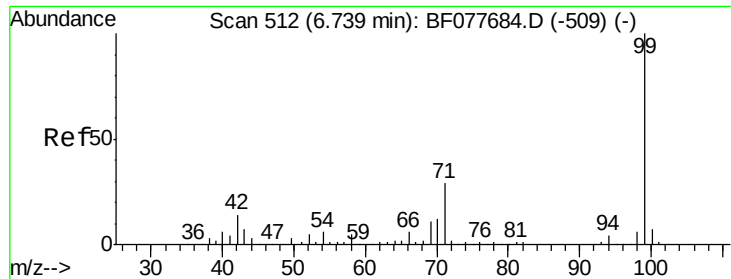


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.04 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

ClientSampleId :

PB82103BSD

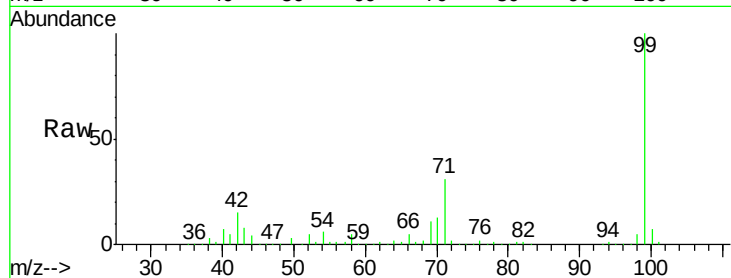
Tgt Ion: 99 Resp: 441891

Ion Ratio Lower Upper

99 100

42 15.3 11.0 16.4

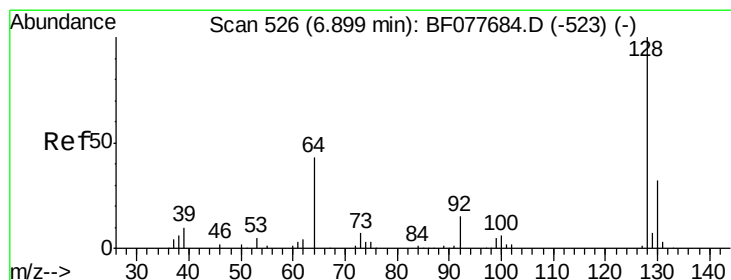
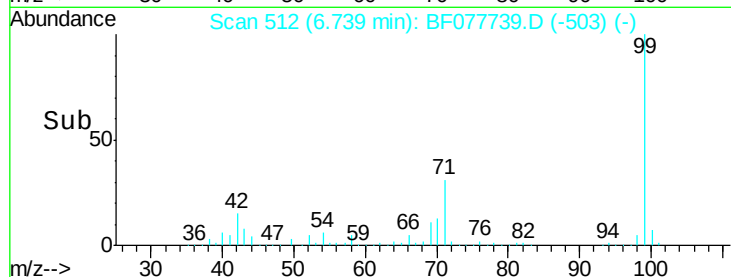
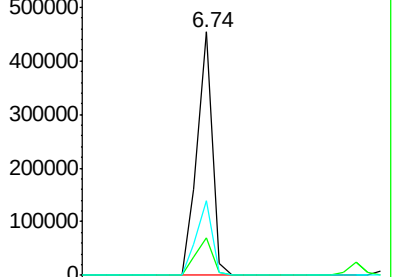
71 30.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-509) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-509) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-509) (-)



#8

2-Chlorophenol

Concen: 37.28 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

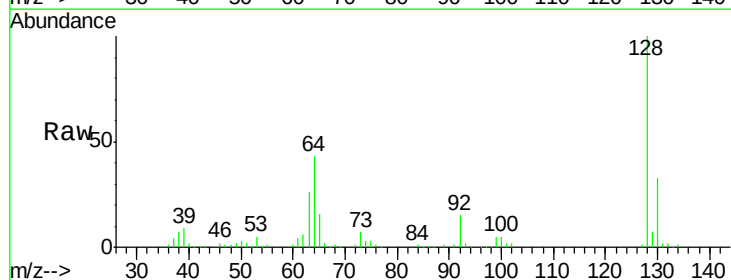
Tgt Ion: 128 Resp: 125929

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

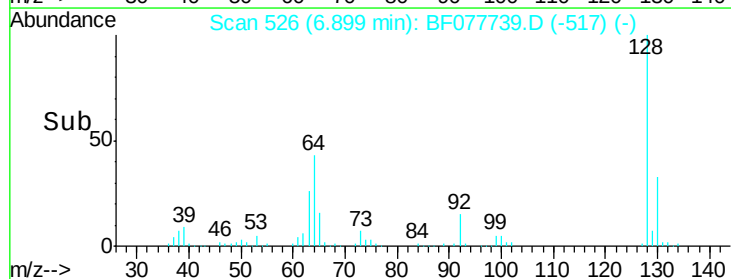
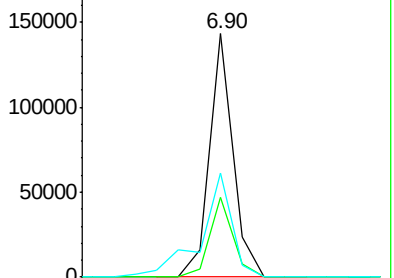
64 42.8 24.9 64.9

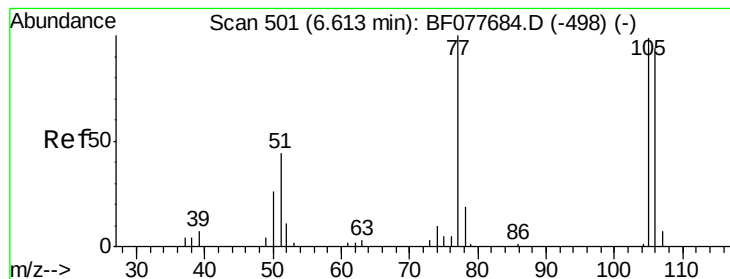


Abundance Ion 128.00 (127.70 to 128.70): BF077684.D (-523) (-)

Ion 130.00 (129.70 to 130.70): BF077684.D (-523) (-)

Ion 64.00 (63.70 to 64.70): BF077684.D (-523) (-)





#9

Benzaldehyde

Concen: 7.50 ng

RT: 6.61 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

ClientSampleId :

PB82103BSD

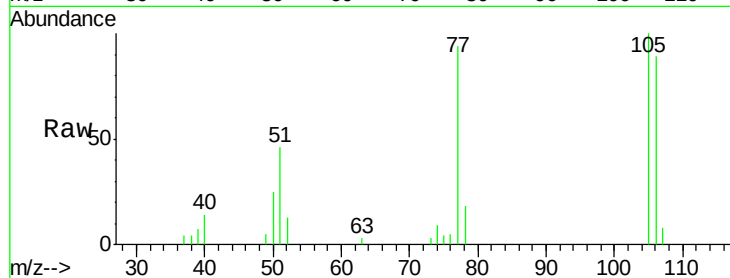
Tgt Ion: 77 Resp: 10768

Ion Ratio Lower Upper

77 100

105 105.8 78.8 118.8

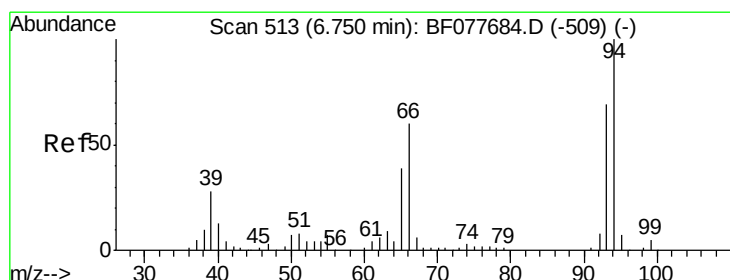
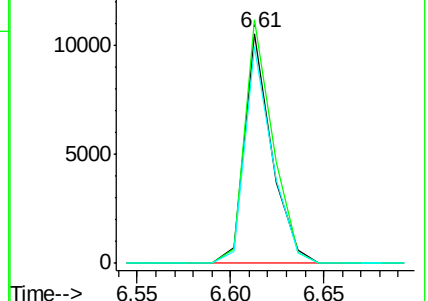
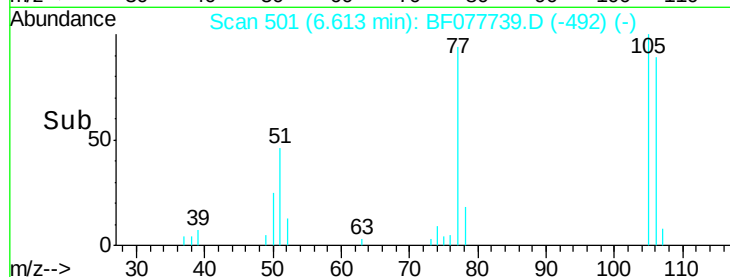
106 94.5 73.7 113.7



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: 36.90 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

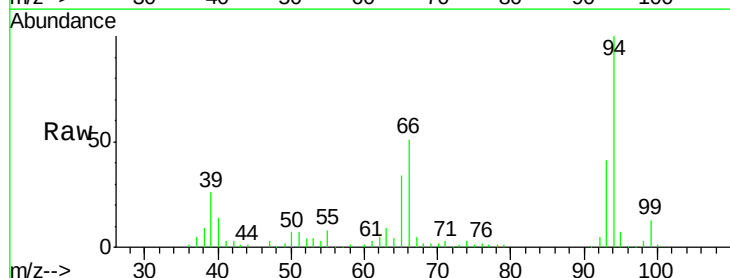
Tgt Ion: 94 Resp: 152916

Ion Ratio Lower Upper

94 100

65 34.5 18.8 58.8

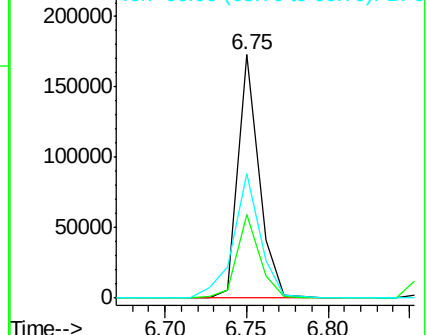
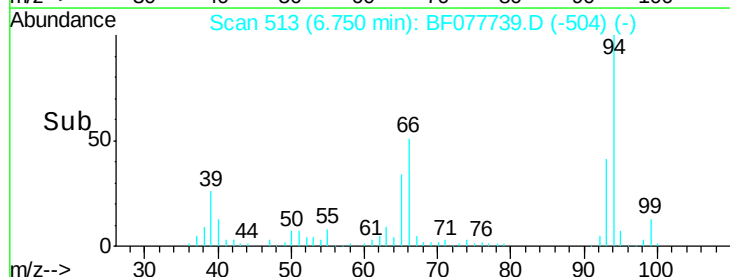
66 51.2 39.9 79.9

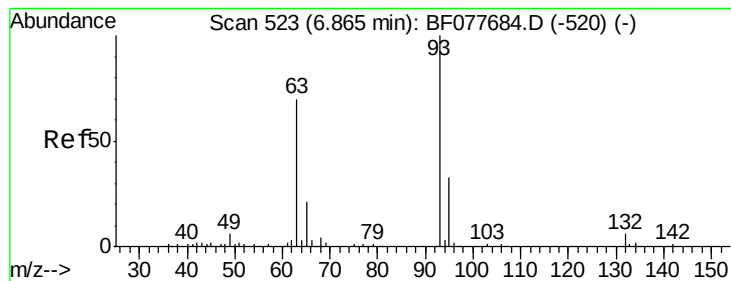


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.88 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

ClientSampleId :

PB82103BSD

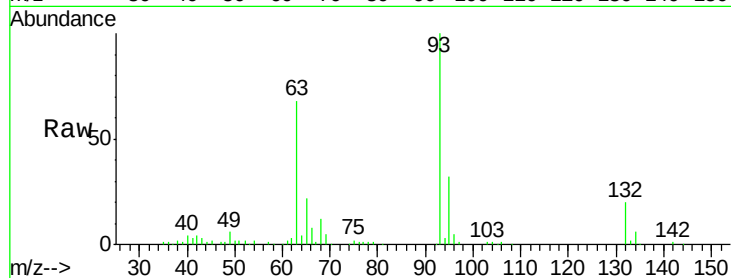
Tgt Ion: 93 Resp: 114496

Ion Ratio Lower Upper

93 100

63 68.2 49.5 89.5

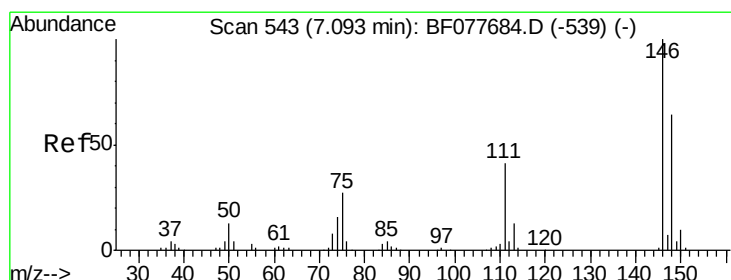
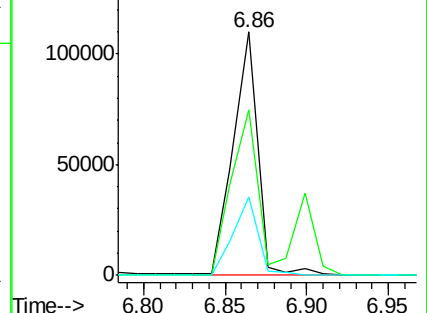
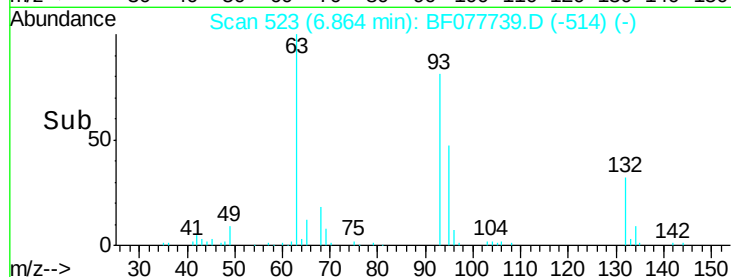
95 32.1 13.5 53.5



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: 33.80 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

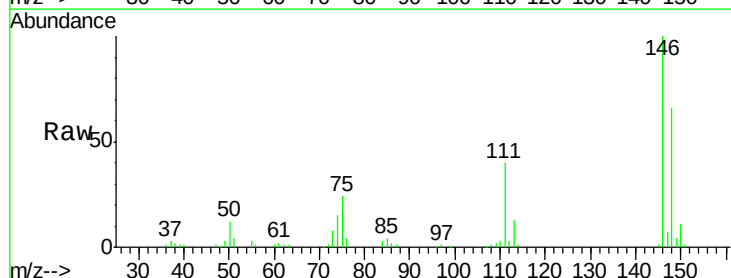
Tgt Ion: 146 Resp: 126979

Ion Ratio Lower Upper

146 100

148 65.7 50.9 76.3

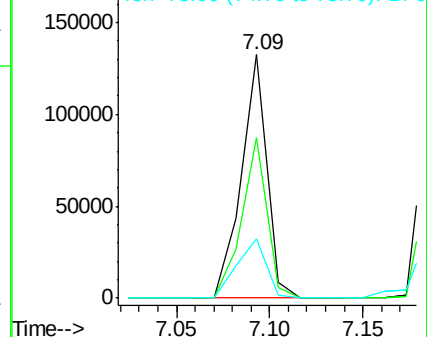
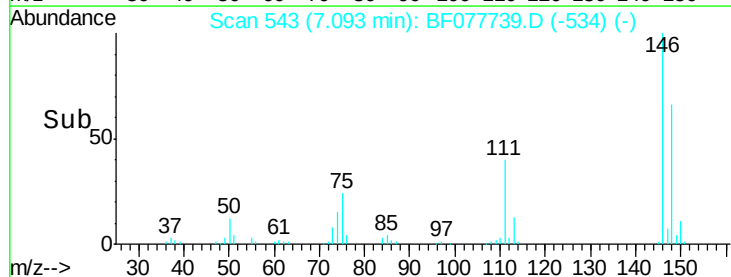
75 24.5 21.4 32.2

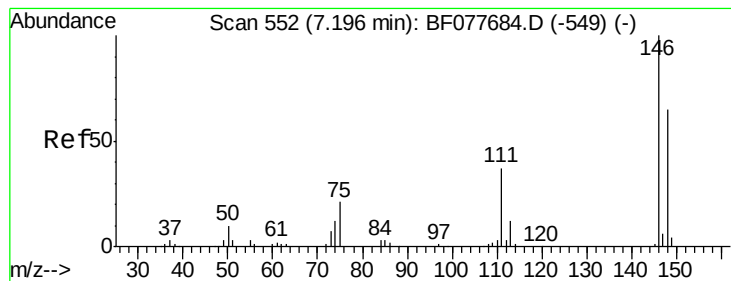


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.83 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

ClientSampleId :

PB82103BSD

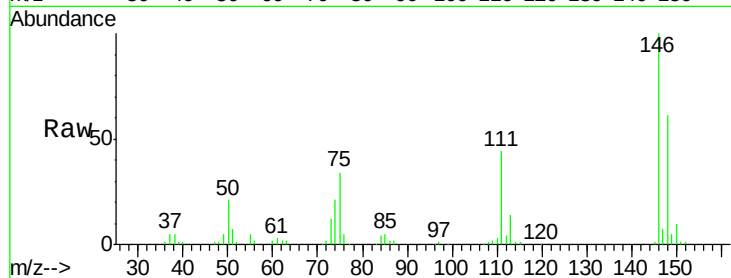
Tgt Ion:146 Resp: 128170

Ion Ratio Lower Upper

146 100

148 60.6 51.9 77.9

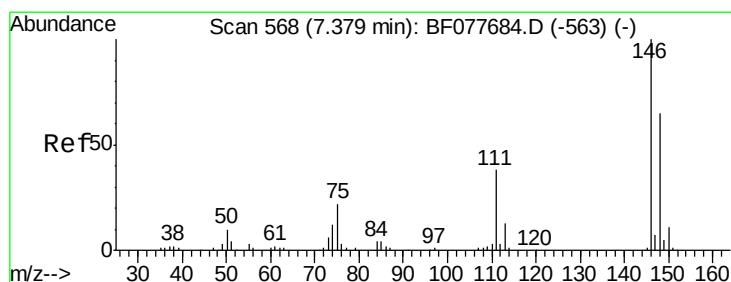
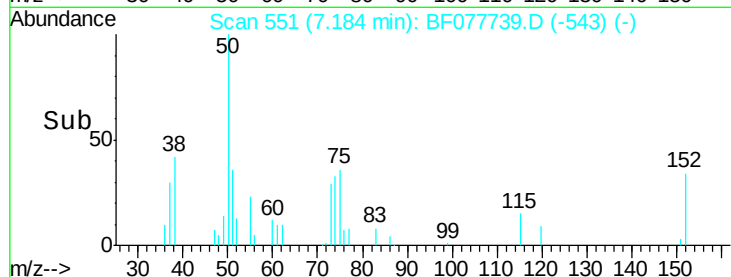
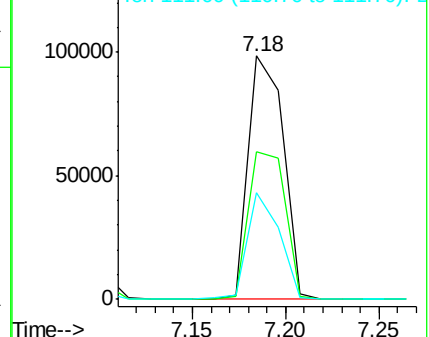
111 43.7 29.2 43.8



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: 33.70 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

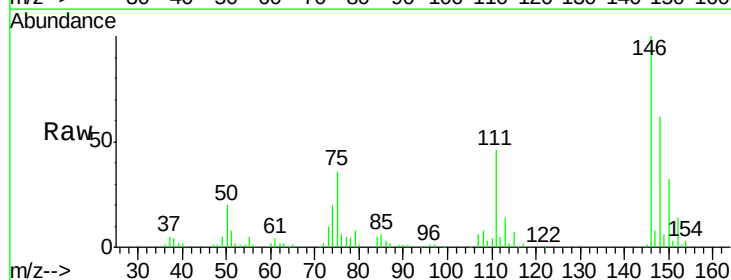
Tgt Ion:146 Resp: 120585

Ion Ratio Lower Upper

146 100

148 62.4 52.3 78.5

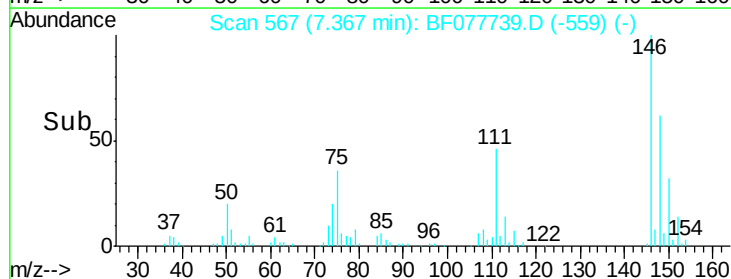
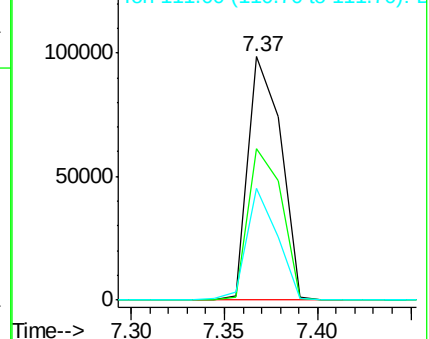
111 45.9 30.6 45.8#

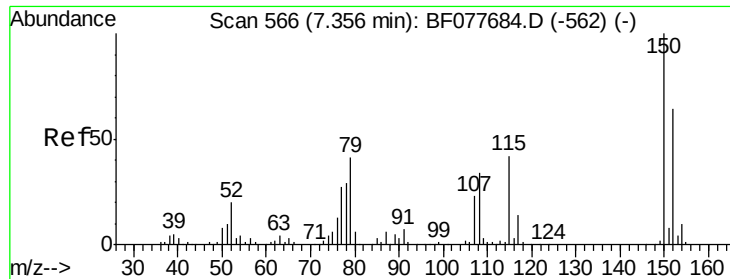


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

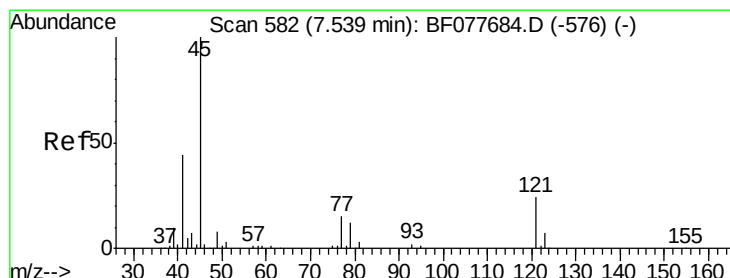
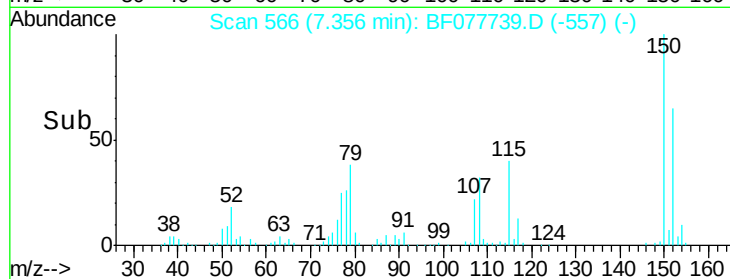
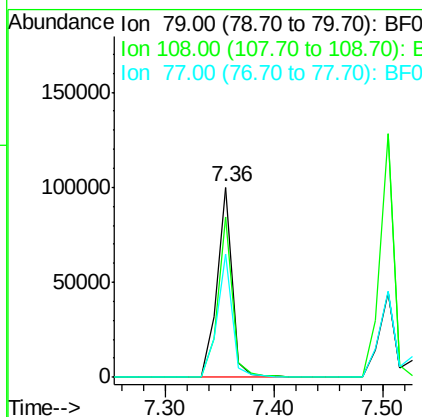
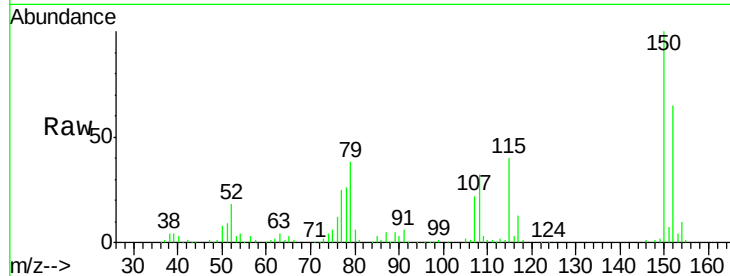




#15
Benzyl Alcohol
Concen: 36.09 ng
RT: 7.36 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

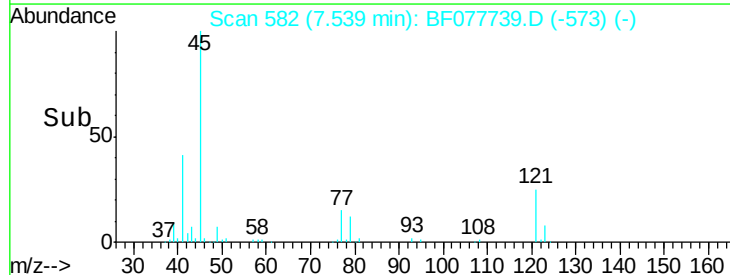
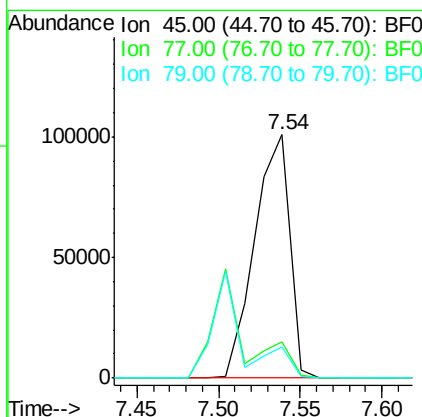
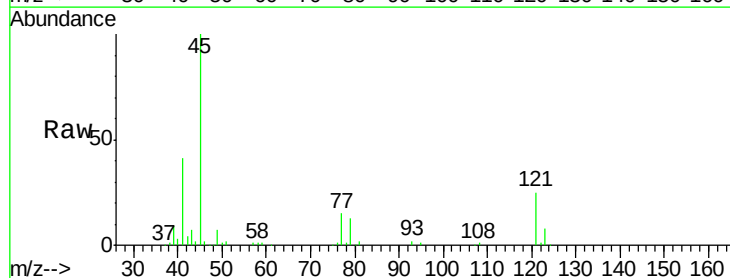
Instrument :
BNA_F
ClientSampleId :
PB82103BSD

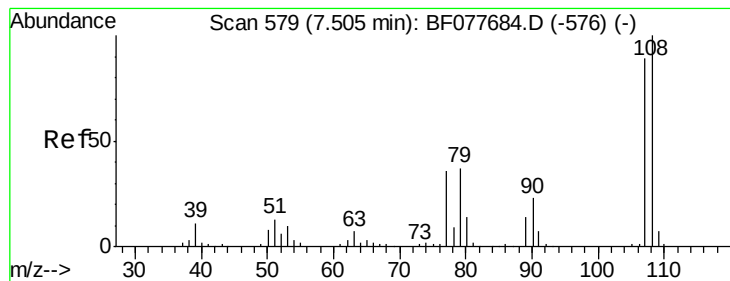
Tgt Ion: 79 Resp: 98756
Ion Ratio Lower Upper
79 100
108 84.3 65.0 97.4
77 64.8 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.88 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion: 45 Resp: 150098
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.2
79 12.7 0.0 32.0

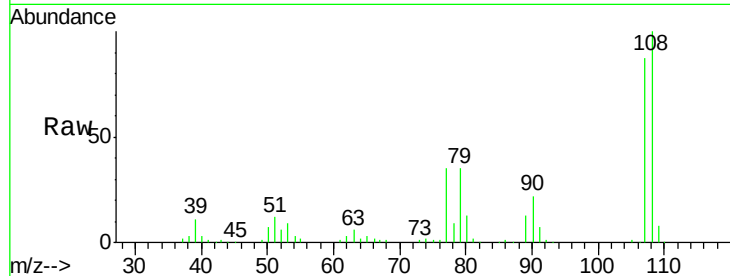




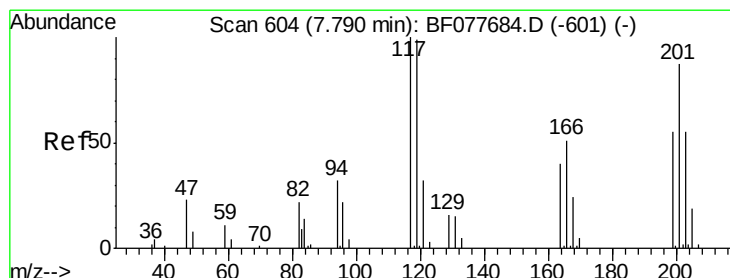
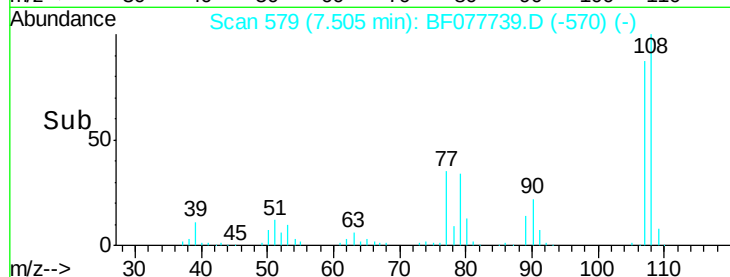
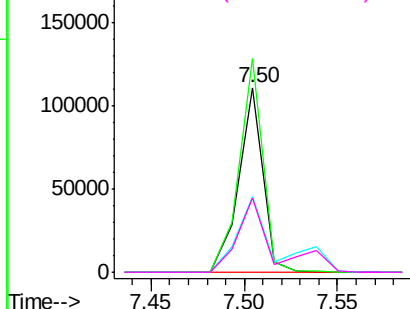
#17
2-Methylphenol
Concen: 36.57 ng
RT: 7.50 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

Tgt Ion:	107	Resp:	100551
Ion	Ratio	Lower	Upper
107	100		
108	115.5	89.8	134.8
77	40.7	32.6	48.8
79	40.1	32.8	49.2

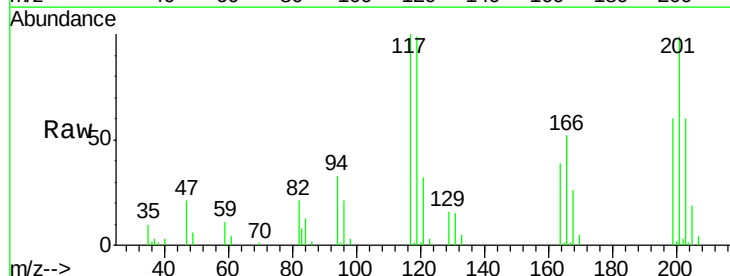


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BF0
100000 Ion 79.00 (78.70 to 79.70): BF0
50000
0

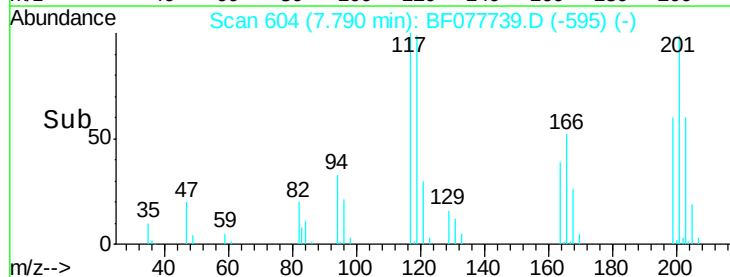
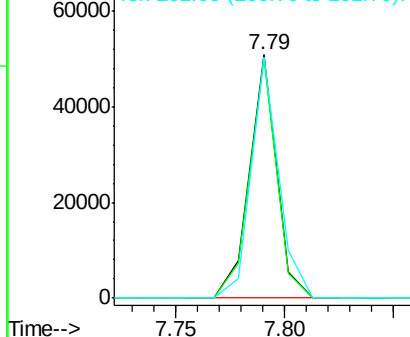


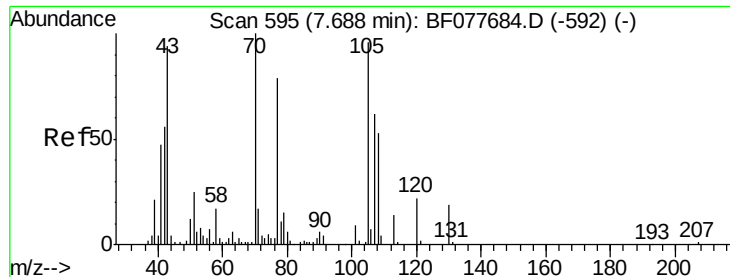
#18
Hexachloroethane
Concen: 34.30 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion:	117	Resp:	43909
Ion	Ratio	Lower	Upper
117	100		
119	98.7	79.2	118.8
201	98.8	69.8	104.6



Abundance Ion 117.00 (116.70 to 117.70): E
60000 Ion 119.00 (118.70 to 119.70): E
40000 Ion 201.00 (200.70 to 201.70): E
20000
0

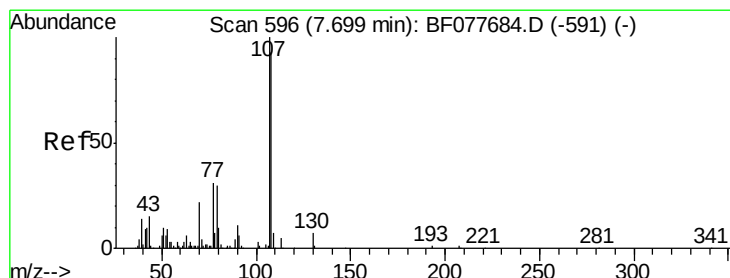
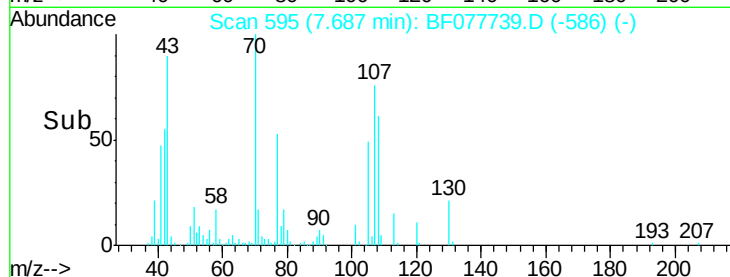
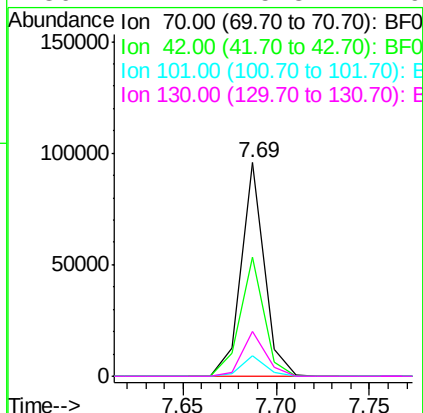
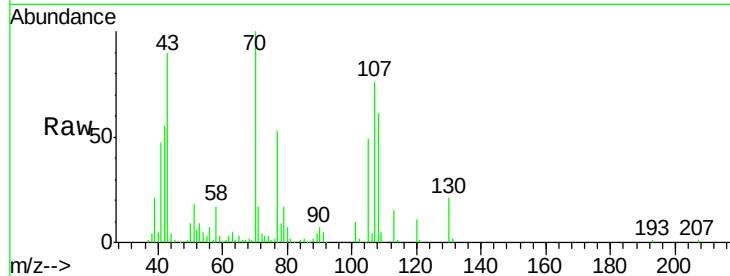




#19
n-Nitroso-di-n-propylamine
Concen: 34.26 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

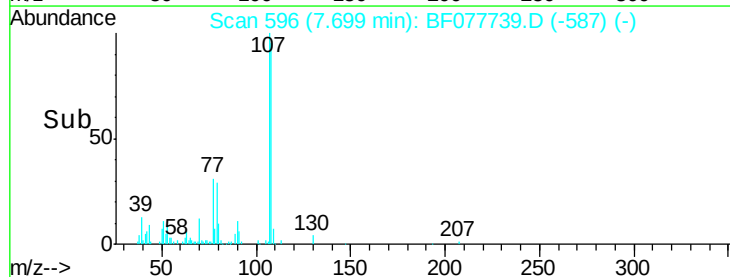
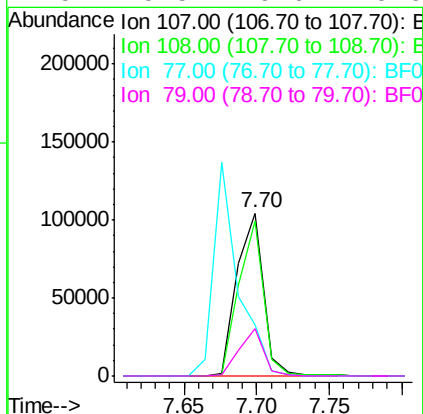
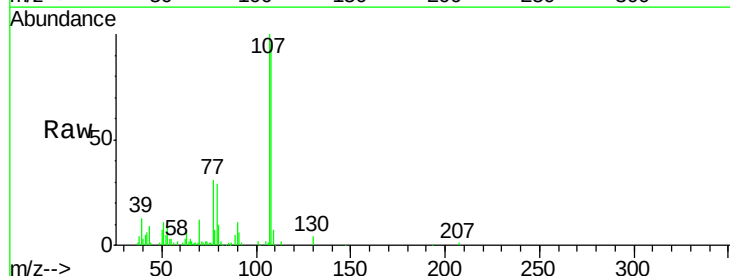
Instrument :
BNA_F
ClientSampleId :
PB82103BSD

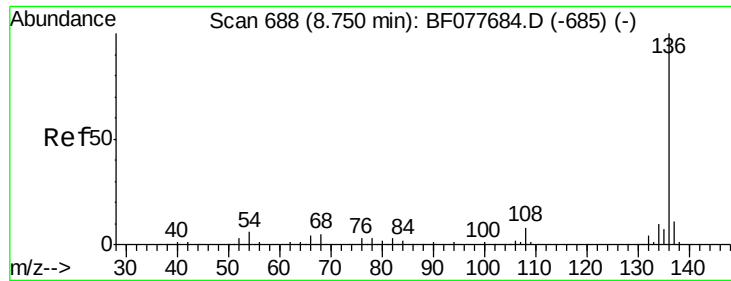
Tgt Ion:	70	Resp:	83096
Ion	Ratio	Lower	Upper
70	100		
42	55.5	44.5	66.7
101	9.6	7.4	11.2
130	21.2	15.3	22.9



#20
3+4-Methylphenols
Concen: 36.92 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion:	107	Resp:	133225
Ion	Ratio	Lower	Upper
107	100		
108	95.5	73.2	113.2
77	31.3	10.7	50.7
79	29.5	9.6	49.6

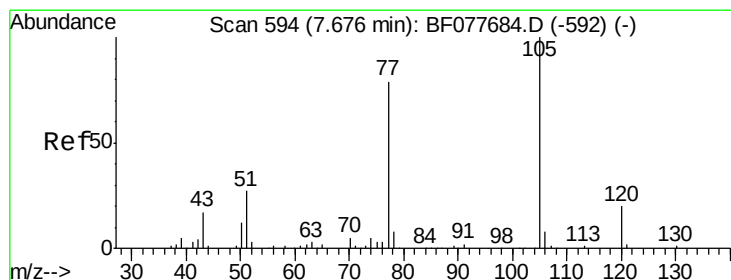
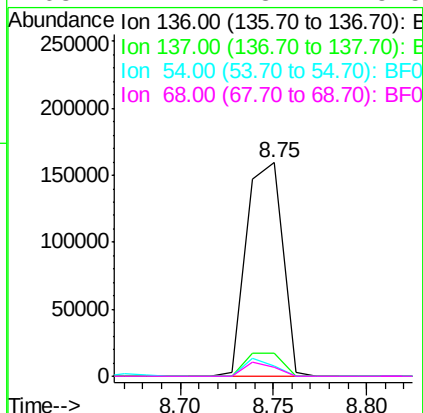
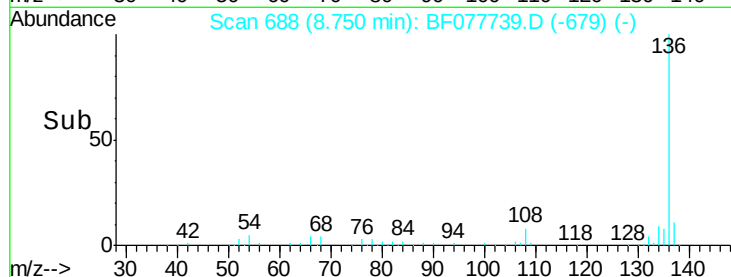
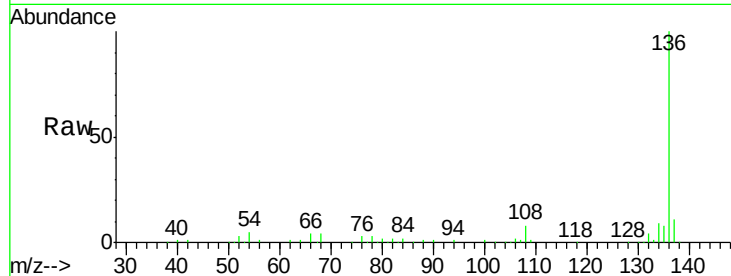




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

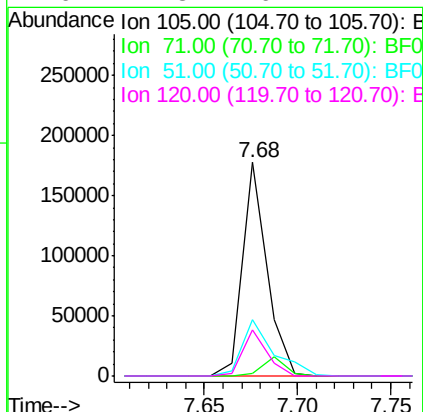
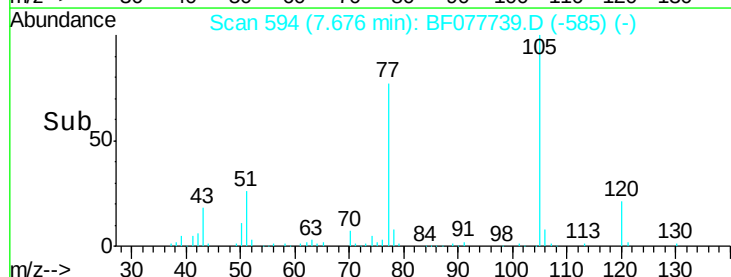
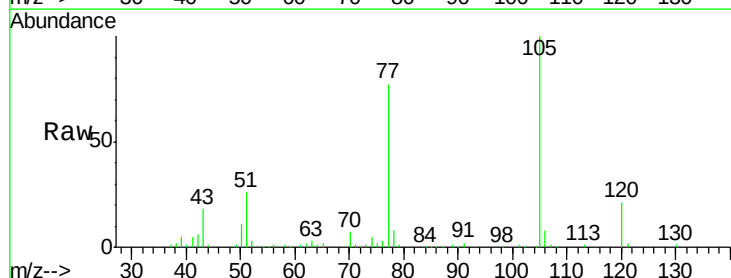
Instrument :
BNA_F
ClientSampleId :
PB82103BSD

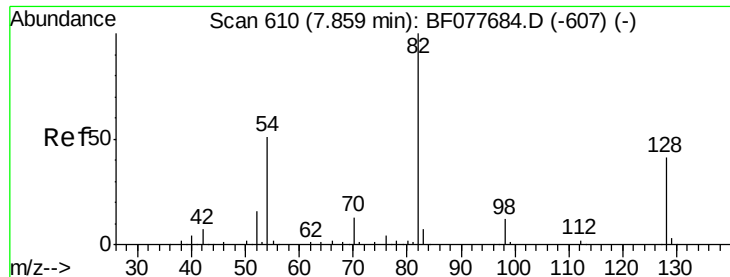
Tgt Ion:	136	Resp:	213693
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.0	4.6	6.8
68	4.4	3.7	5.5



#22
Acetophenone
Concen: 34.52 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion:	105	Resp:	163299
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.6	1.0#
51	26.3	21.6	32.4
120	21.3	16.1	24.1

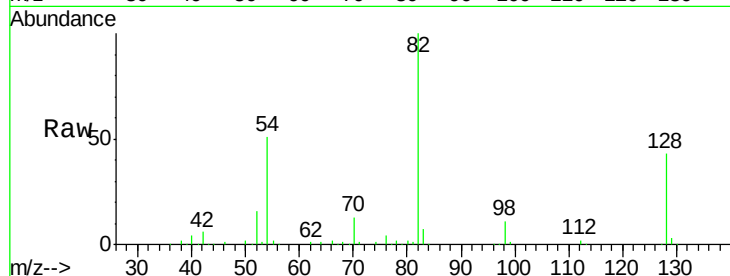




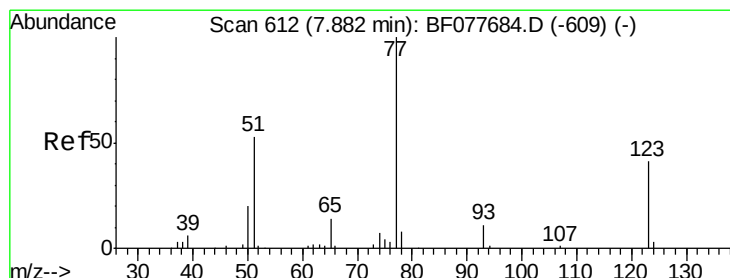
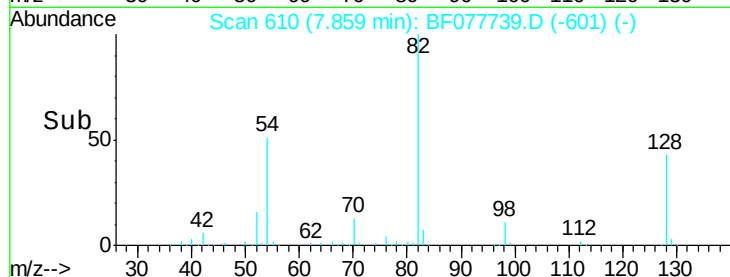
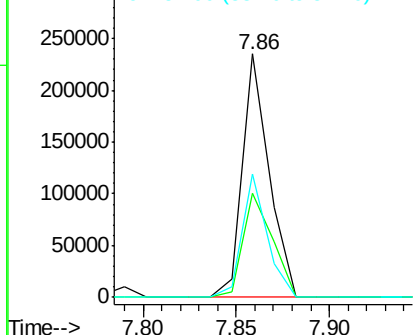
#23
Nitrobenzene-d5
Concen: 71.68 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

Tgt Ion: 82 Resp: 233672
Ion Ratio Lower Upper
82 100
128 42.6 32.8 49.2
54 50.6 40.6 60.8

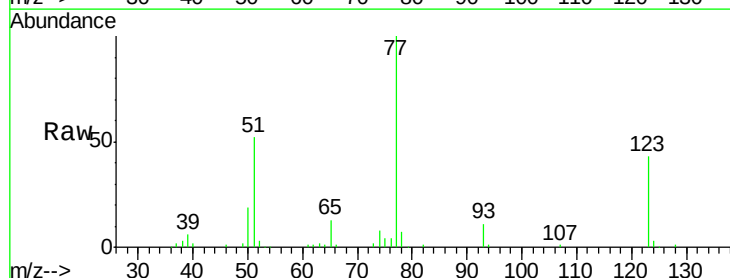


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

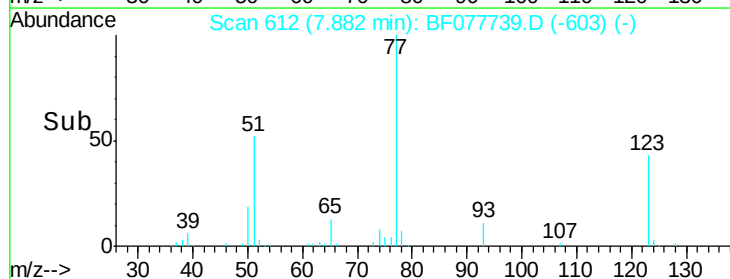
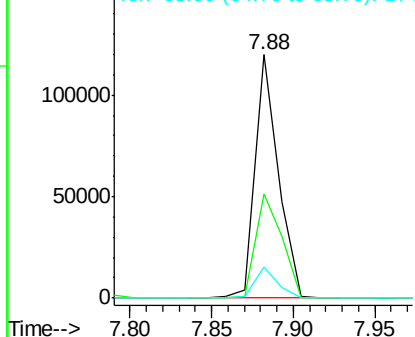


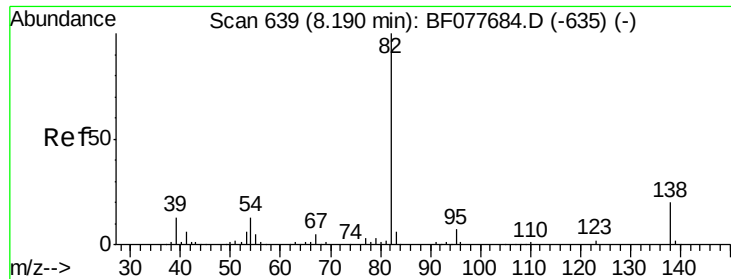
#24
Nitrobenzene
Concen: 33.72 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion: 77 Resp: 118423
Ion Ratio Lower Upper
77 100
123 42.6 32.6 49.0
65 13.0 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: 32.91 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

ClientSampleId :

PB82103BSD

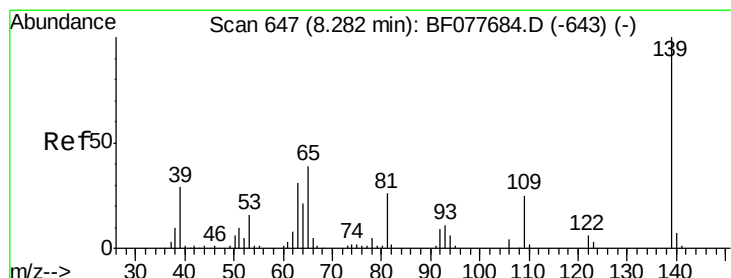
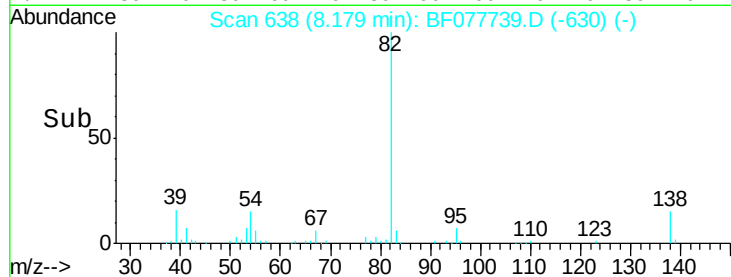
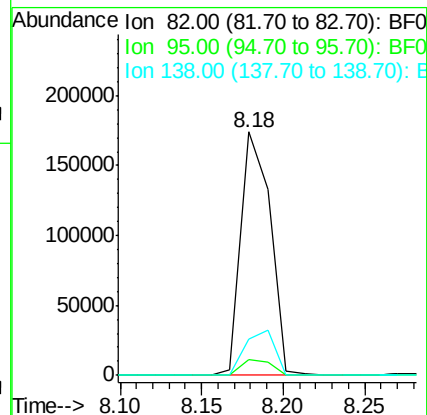
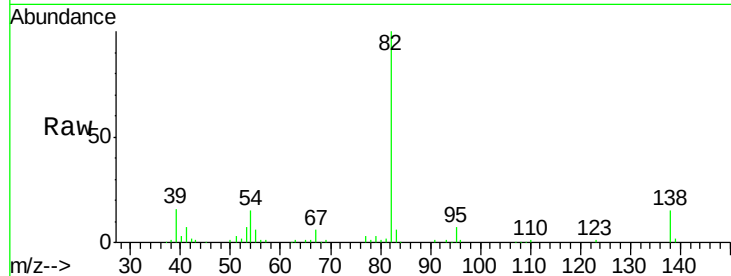
Tgt Ion: 82 Resp: 216668

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

138 15.0 16.3 24.5#



#26

2-Nitrophenol

Concen: 33.86 ng

RT: 8.28 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

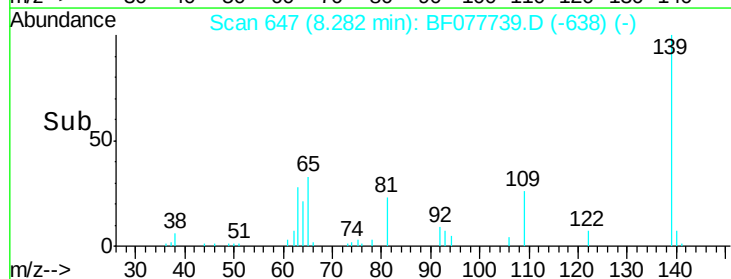
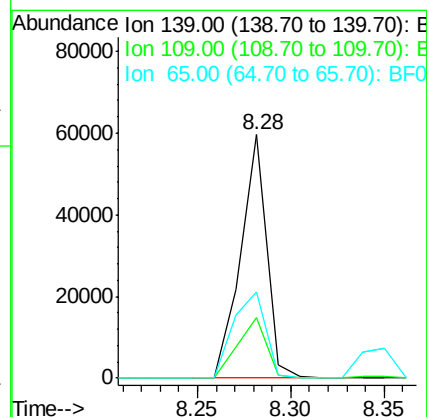
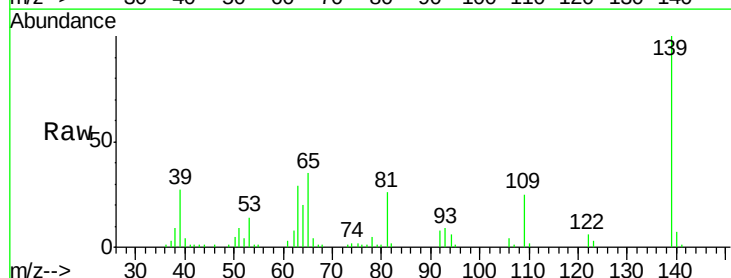
Tgt Ion: 139 Resp: 58210

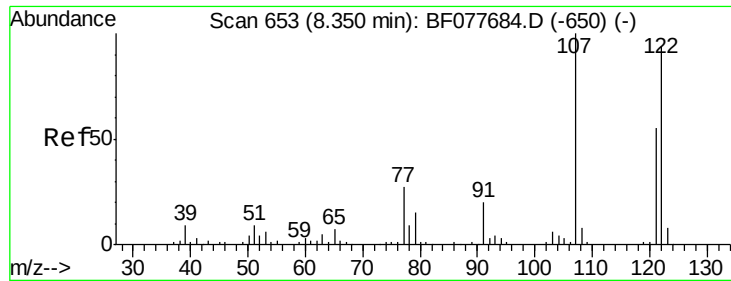
Ion Ratio Lower Upper

139 100

109 25.1 20.1 30.1

65 35.2 31.5 47.3

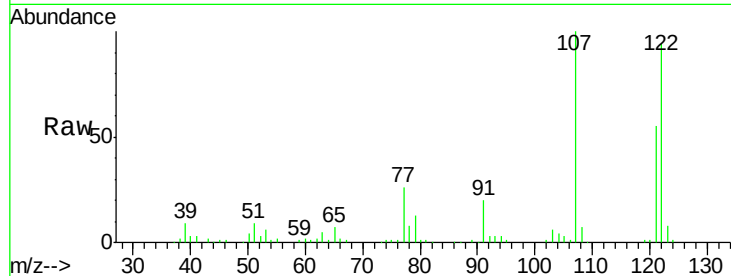




#27
 2,4-Dimethylphenol
 Concen: 35.26 ng
 RT: 8.35 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	106.5	84.7	127.1
121	58.8	46.6	69.8

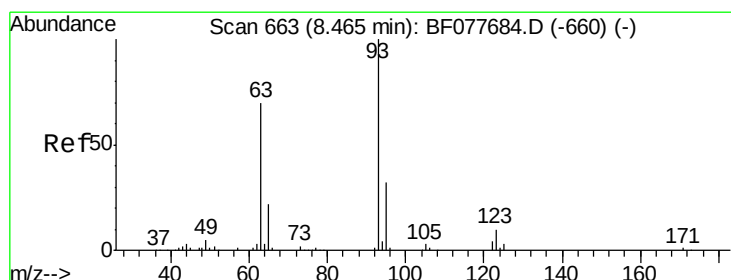
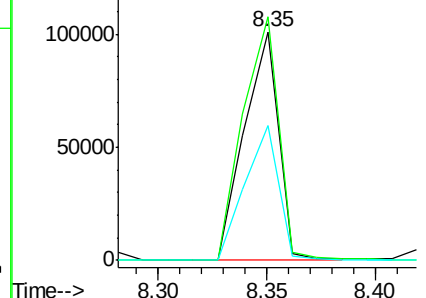
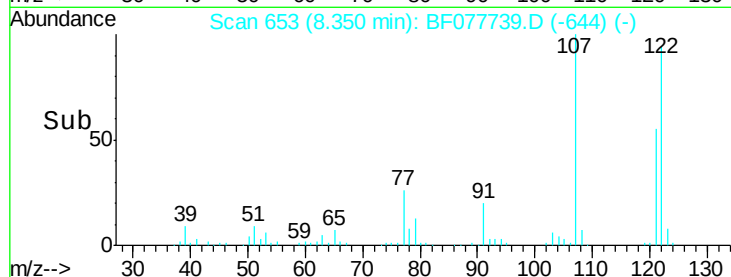


Abundance

Ion 122.00 (121.70 to 122.70): E

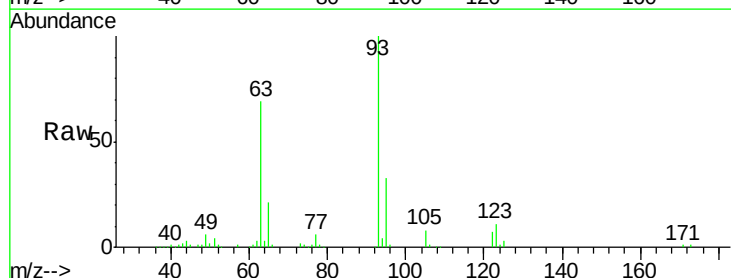
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.95 ng
 RT: 8.46 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.5	38.3
123	10.9	8.6	13.0

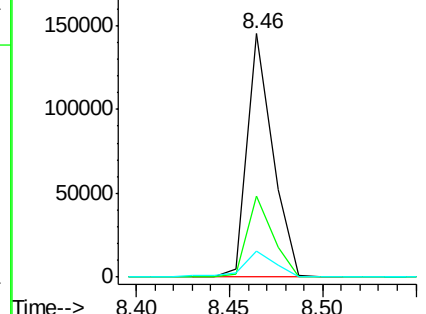
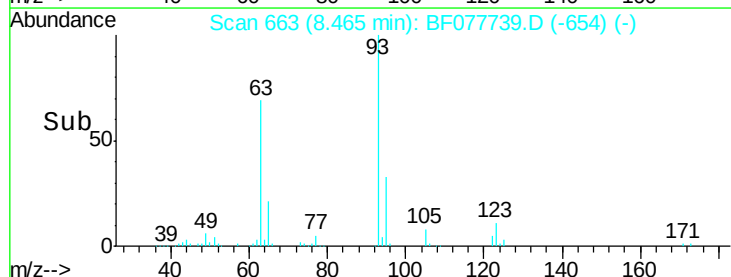


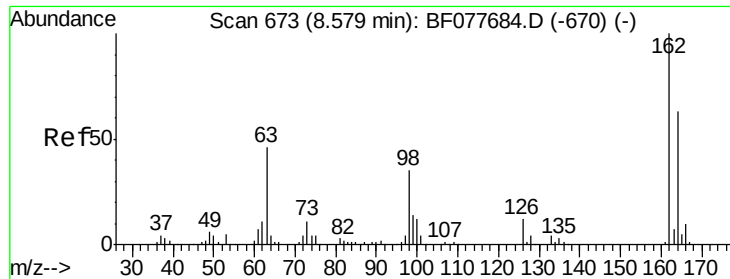
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

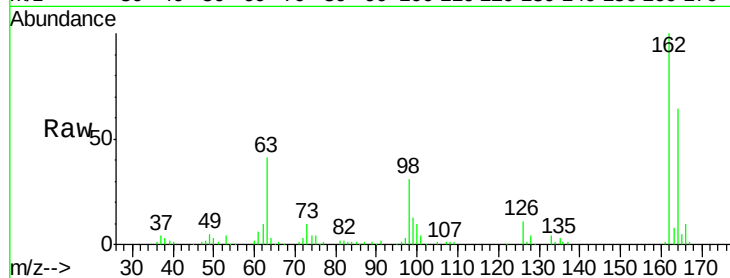




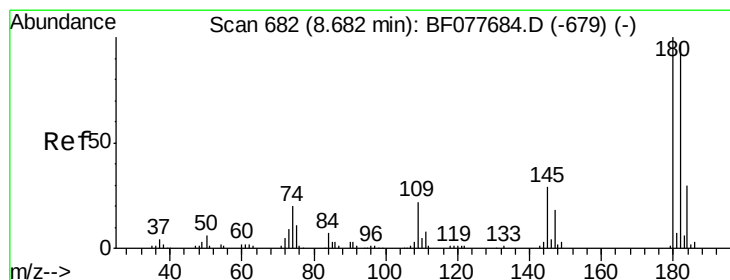
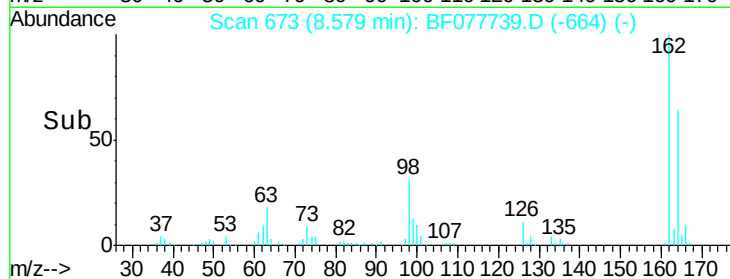
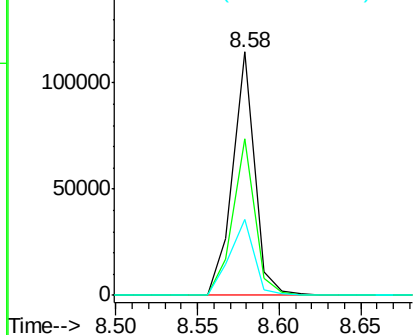
#29
 2,4-Dichlorophenol
 Concen: 35.69 ng
 RT: 8.58 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.8	82.8
98	31.0	14.5	54.5

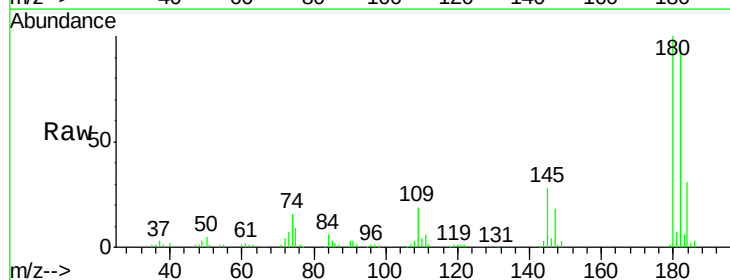


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

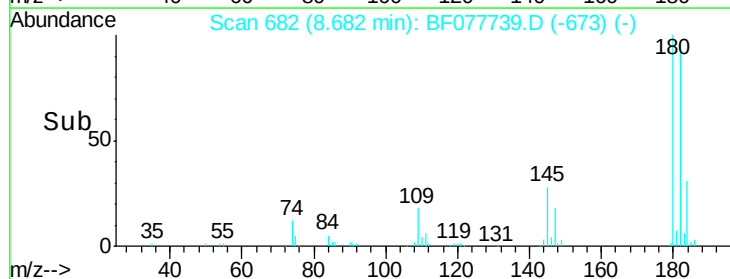
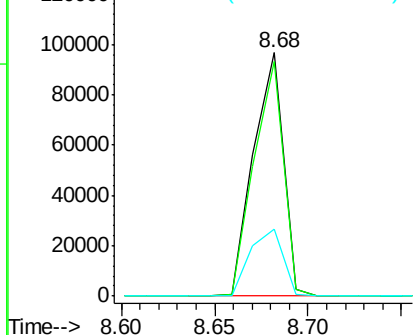


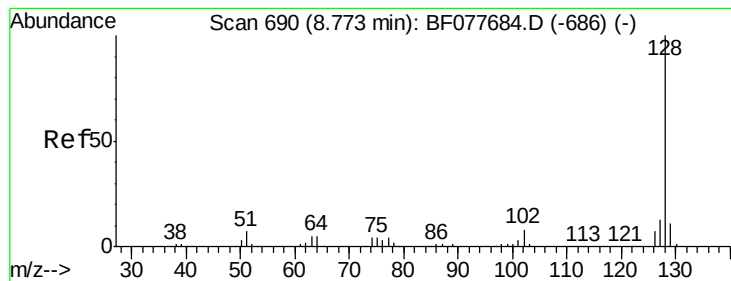
#30
 1,2,4-Trichlorobenzene
 Concen: 32.08 ng
 RT: 8.68 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.6	116.4
145	27.5	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: 33.09 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

ClientSampleId :

PB82103BSD

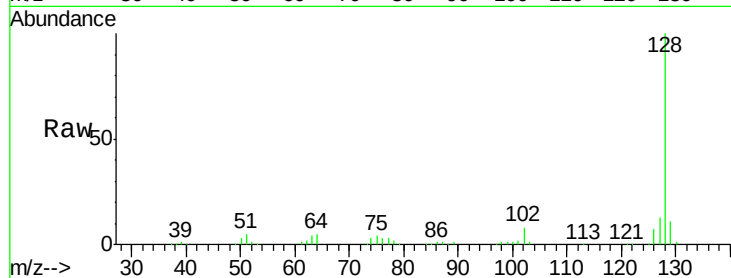
Tgt Ion:128 Resp: 363192

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

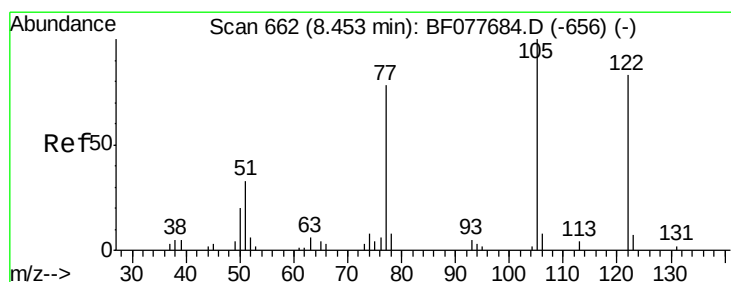
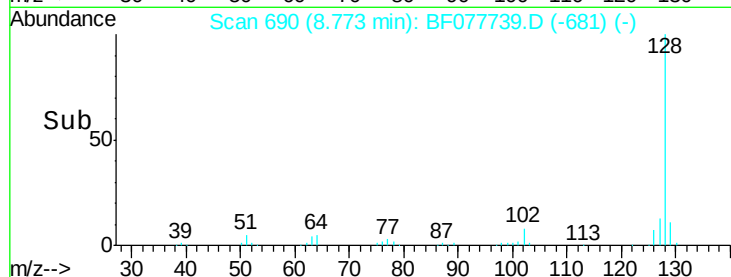
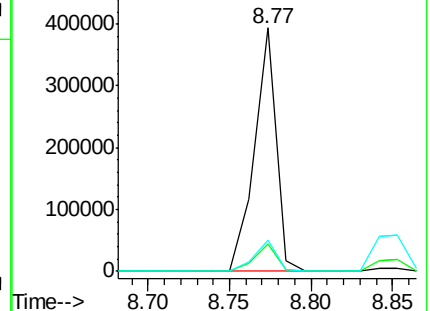
127 12.7 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.38 ng

RT: 8.45 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

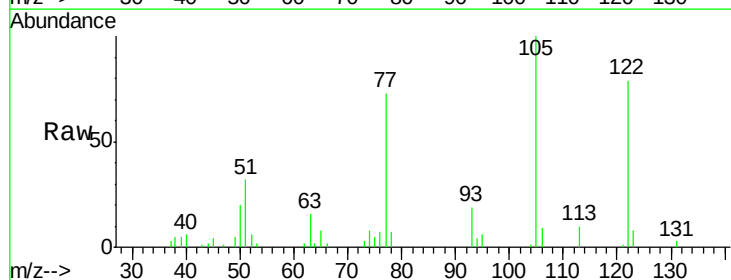
Tgt Ion:122 Resp: 45357

Ion Ratio Lower Upper

122 100

105 126.2 99.9 139.9

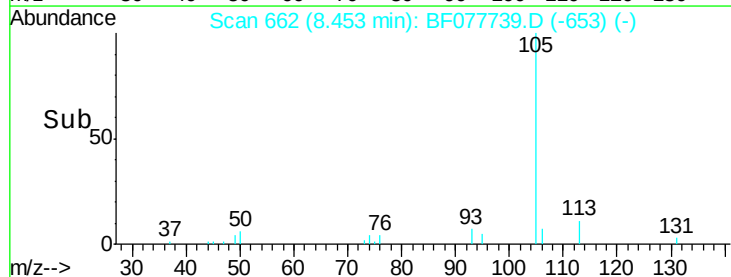
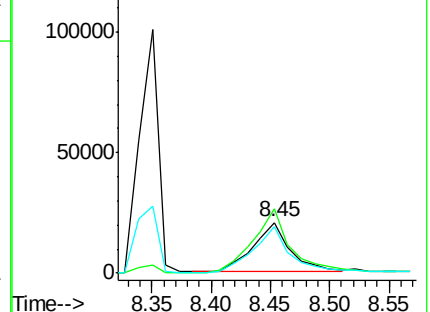
77 92.4 73.7 113.7

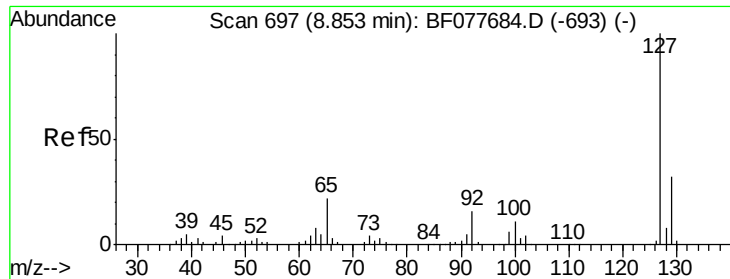


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

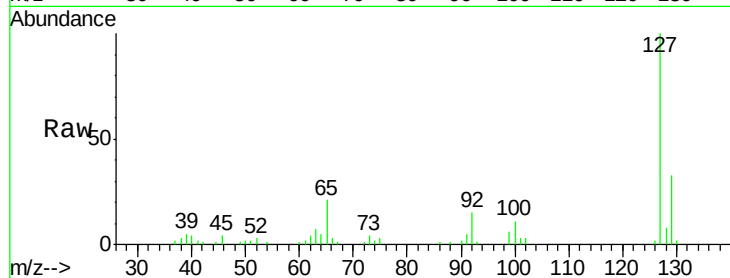




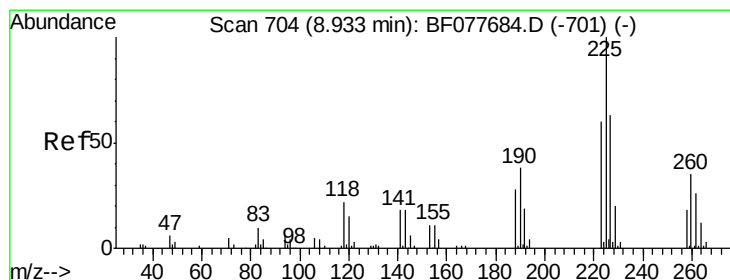
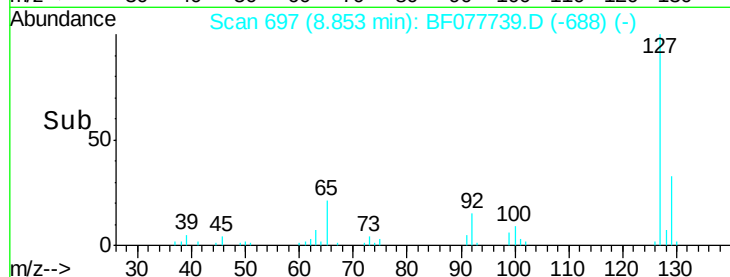
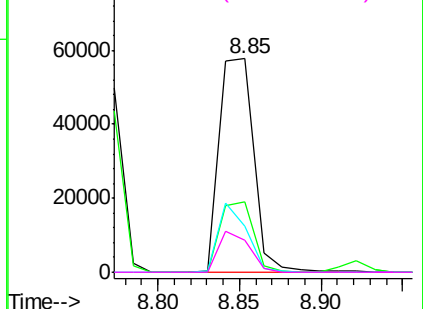
#33
4-Chloroaniline
Concen: 19.01 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

Tgt Ion:	127	Resp:	84693
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.3	37.9
65	21.4	17.6	26.4
92	15.1	13.1	19.7

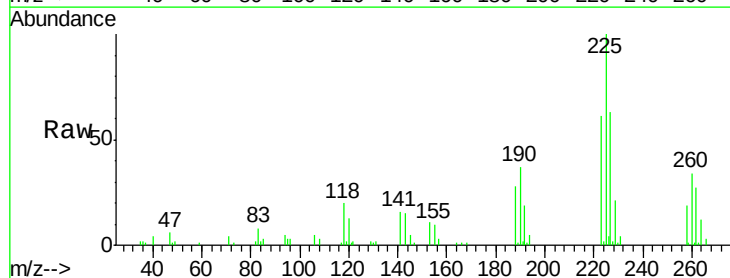


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

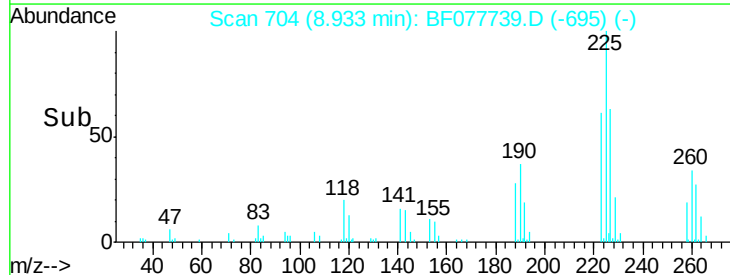
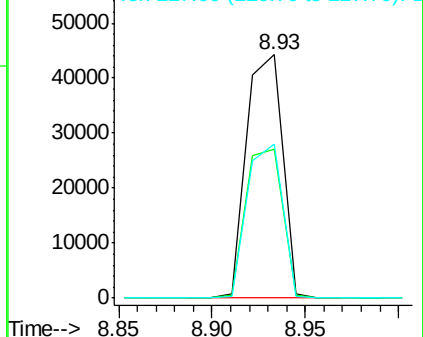


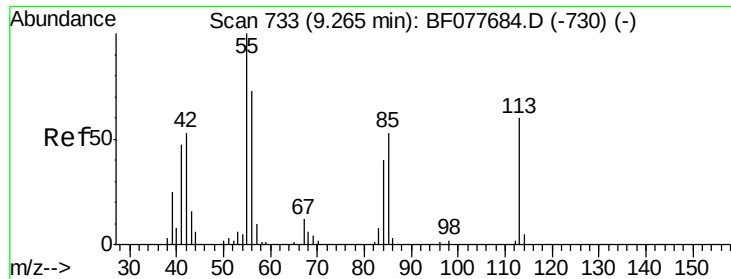
#34
Hexachlorobutadiene
Concen: 31.34 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion:	225	Resp:	59337
Ion	Ratio	Lower	Upper
225	100		
223	61.1	47.9	71.9
227	63.4	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

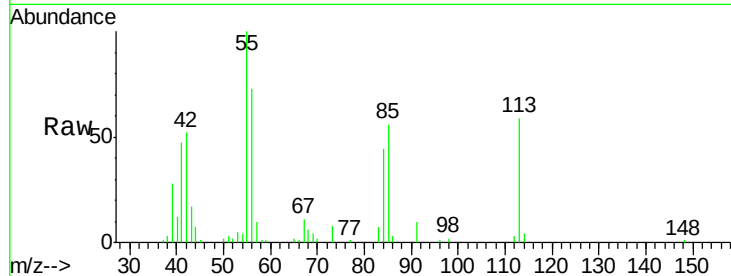




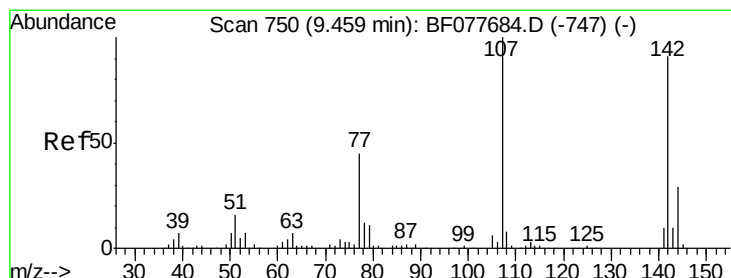
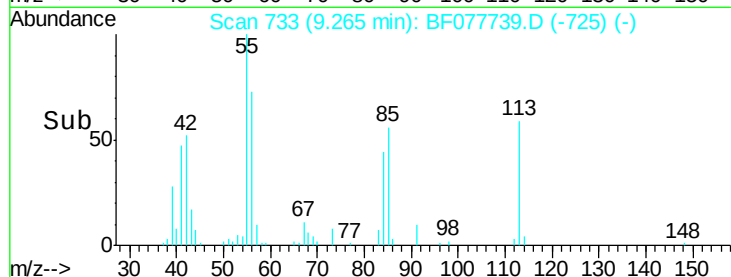
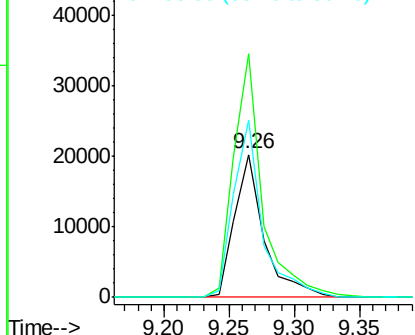
#35
 Caprolactam
 Concen: 36.41 ng
 RT: 9.26 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

Tgt Ion:113 Resp: 31772
 Ion Ratio Lower Upper
 113 100
 55 170.8 145.9 185.9
 56 124.5 101.0 141.0

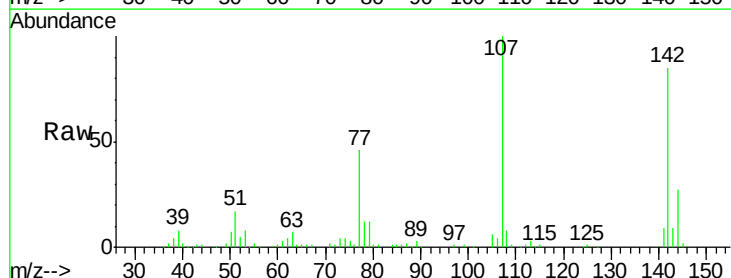


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

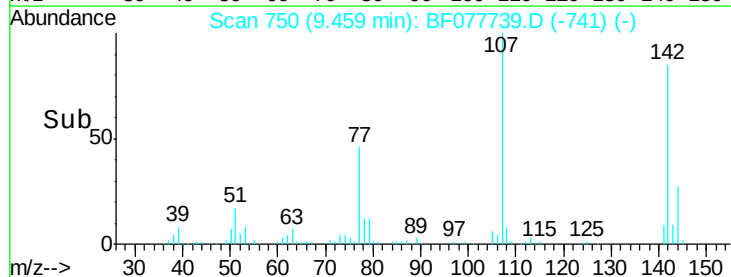
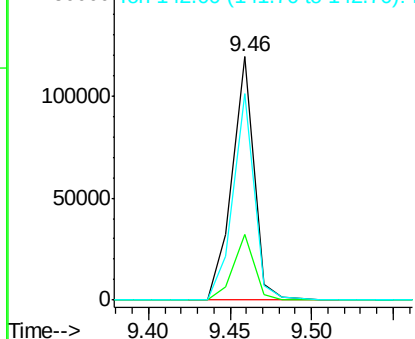


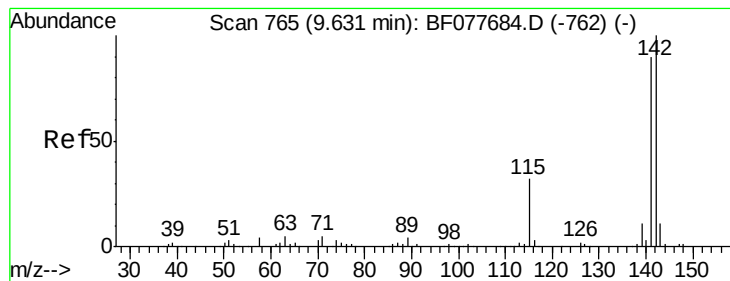
#36
 4-Chloro-3-methylphenol
 Concen: 37.17 ng
 RT: 9.46 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion:107 Resp: 111664
 Ion Ratio Lower Upper
 107 100
 144 27.0 23.3 34.9
 142 85.0 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

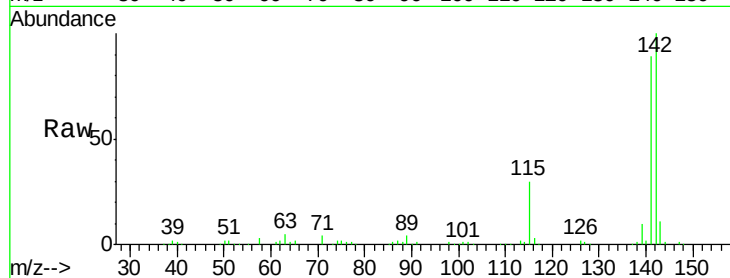




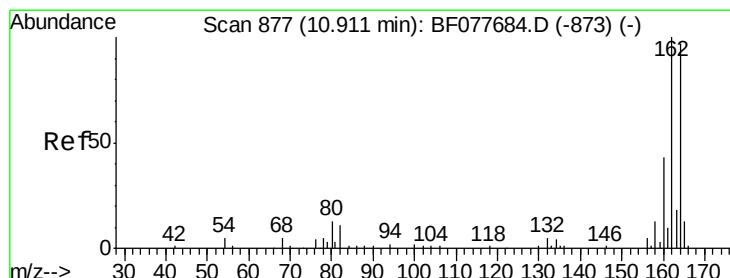
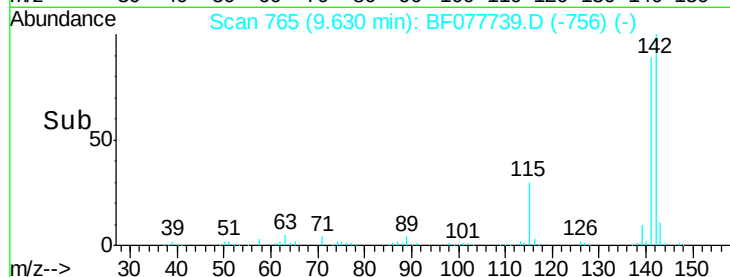
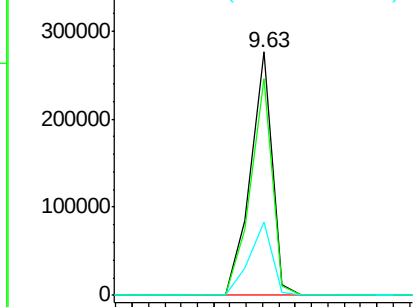
#37
 2-Methylnaphthalene
 Concen: 34.92 ng
 RT: 9.63 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

Tgt Ion:142 Resp: 257503
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.9 107.9
 115 29.9 25.4 38.0

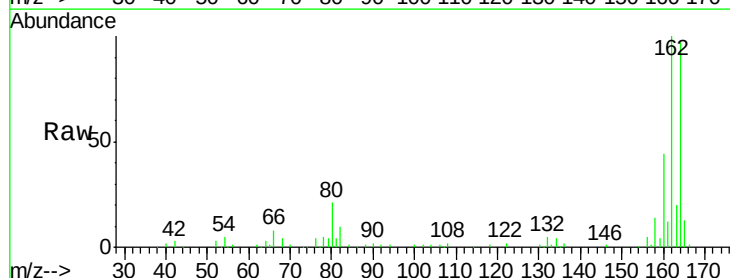


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

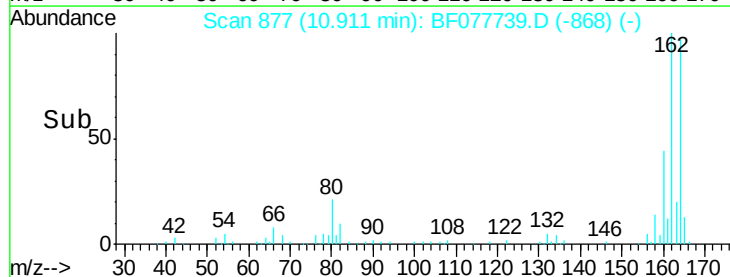
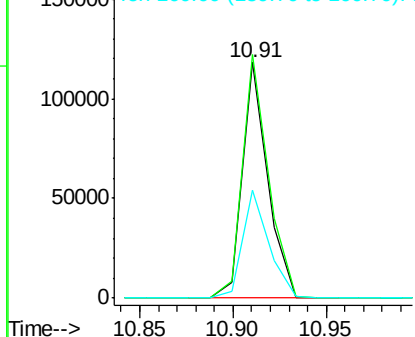


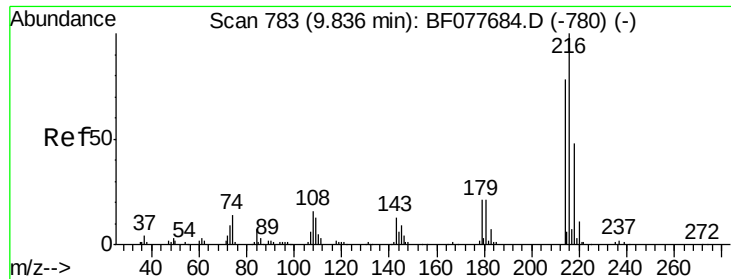
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion:164 Resp: 111094
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.4 123.6
 160 45.7 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

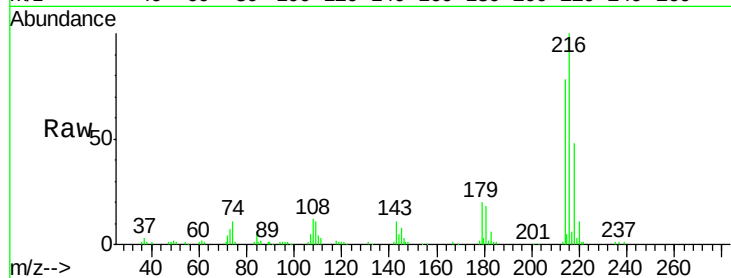




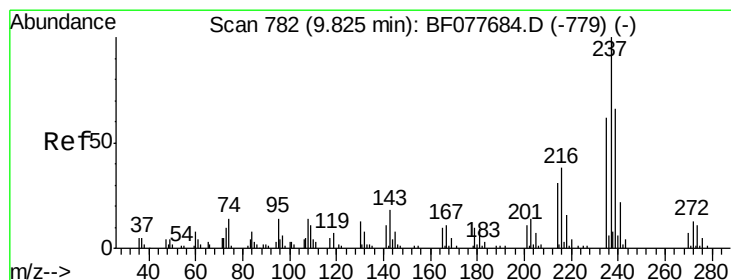
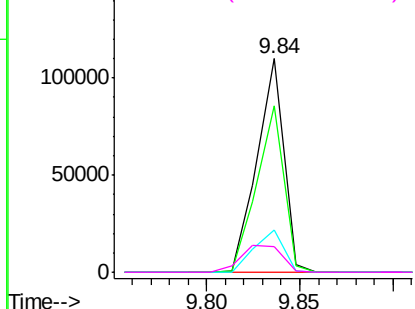
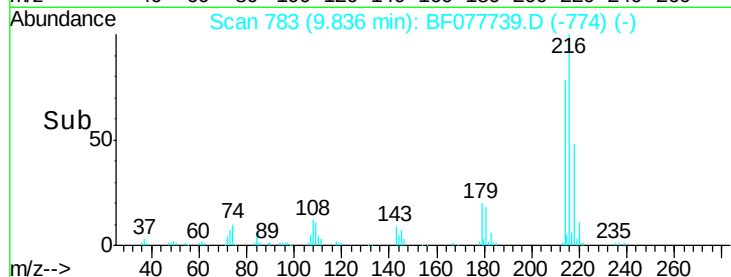
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.92 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

Tgt Ion:	216	Resp:	109085
Ion	Ratio	Lower	Upper
216	100		
214	78.5	0.0	0.0#
179	21.5	0.0	0.0#
108	19.9	0.0	0.0#

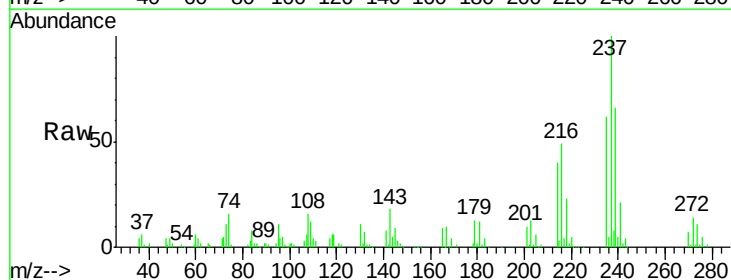


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 65.27 ng
 RT: 9.82 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion:	237	Resp:	107262
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.0	82.0
272	14.3	0.0	33.4



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

